

THE BULLETIN

NOVEMBER 21, 1994 ~ 48TH YEAR ~ NUMBER 8

U of T Matches \$2.5 Million Gift to Civil Engineering

TORONTO EXECUTIVES JOHN Bahen and Joseph Tanenbaum have given the Department of Civil Engineering \$2.5 million.

The gift will be matched by the University, allowing the department to designate two senior faculty members as holders of endowed research chairs as well as hire two junior professors. The matching funds will come from the endowed adjustment fund and the provost's academic priorities fund. The Bahen-Tanenbaum Chairs in Civil Engineering are the first endowed chairs for the department. This is also the first time the endowed adjustment fund has been used to match a gift to the University.

"This will tremendously strength-

en our civil engineering department," said Provost Adel Sedra.

Professor Barry Adams, acting chair of civil engineering, said the donation is unprecedented in the engineering faculty. "In these gloomy times of fiscal restraint for universities, this most generous gift is truly a beacon of light." Former department chair Professor Richard Soberman, who along with Malcolm McGrath, assistant dean (alumni liaison), played a key role in the negotiations, said the new positions will enable civil engineering to compensate for some faculty loss due to budget cuts.

The purpose of the chairs will be to enrich undergraduate studies. One of the main tasks of the chair hold-

ers will be to develop courses dealing with the business of civil engineering, particularly as it relates to the construction of large-scale structures and transportation engineering. Soberman said the two junior faculty additions will likely be in the areas of engineering and business in the construction industry, and in transportation or geotechnology.

Both Bahen, owner of JEB Holdings Inc. and past president of Peter Kiewit Sons Co. Ltd., and Tanenbaum, chair of Jay-M Enterprises Ltd., have long-standing associations with U of T. Both graduated from civil engineering — Bahen in 1954 and Tanenbaum in 1955 — and continued their involvement over the years. Bahen has

also made donations towards the establishment of a chair in neuroscience and renovations to the Mining Building. His company funds an annual scholarship for civil engineering

students. Tanenbaum has been a member of the advisory board of the engineering faculty and the Banting & Best Department of Medical Research.

Forget Not



A Canadian war veteran stands at attention during the Remembrance Day service at Soldiers' Tower Nov. 11. Members of the campus community and school children joined veterans to pay tribute to those who died in the First and Second World Wars.

JEWEL RANDOLPH

ADDING FRENCH ROMANCE

A new centre focuses on 19th-century French literature

BY SUZANNE SOTO

THERE WAS A TIME, NOT SO LONG AGO, WHEN students at Roman Catholic academies around the world were not officially allowed to read the works of many prominent 19th-century French authors.

Denounced by the church as immoral and blasphemous, the writings of Honoré de Balzac, Émile Zola and others were considered improper reading for devoted Catholic students in the 1960s and 70s. The students were encouraged to read novels and stories reflecting the values of the church instead, remembers Father Joseph Sablé, a historian, French literature scholar and book collector who taught at St. Michael's College between 1971 and 1985. In Paris, where Sablé taught before coming to U of T, "we did not read Zola in the classroom," he says.

Times, however, have definitely changed. On Nov. 9, St. Michael's, one of Canada's oldest Catholic colleges, officially opened a centre dedicated solely to the examination of French literature in the romantic period. Located at the J.M. Kelly Library on St. Joseph

St., the Centre d'Études romantiques Joseph Sablé will specialize in the study of authors like Balzac, Zola, Alexandre Dumas and Louise Colet. The backbone of this research is an extensive collection of 19th-century literature that includes the works of these writers and details many aspects of French life between 1770 and 1870.

"This is one of the most exciting things that has happened in the Department of French over the past 25 years," says Professor Graham Falconer of French who initiated the centre and is its first director. Department chair Paul Perron says the facility is probably the first of its kind in North America.

Valued at an estimated \$2 million, the centre's 12,000-book collection was given to the college by Sablé upon his retirement in 1985. Falconer says the former professor wanted to make a significant contribution to St. Michael's. Sablé, who speaks very little English, added in French that he felt the college's library could benefit

~ See ADDING: Page 4 ~

INSIDE



Violence revisited

THERE IS NO CONCLUSIVE EVIDENCE that TV violence creates violent people, says professor of psychology. Page 7

Who's who

A GALLERY OF THE NAMES AND faces at Governing Council. Pages 10, 11

Erindale Plan Builds on Academic Strengths

BY KARINA DAHLIN

FOR ERINDALE COLLEGE THE University's white paper on planning is an opportunity to grow stronger. In that spirit the college is proposing the addition of three new master's programs, eight new undergraduate programs and 32 new faculty positions.

At the same time, suggests Erindale in its draft response to Planning for 2000, four programs should be terminated — German, peace and conflict studies, population and society and urban studies. The draft report also recommends a reduction of some 10 full-time equivalent faculty positions (all by retirements) along with 27 full-course stipendships (one-course contract appointments), 3.5 teaching assistantships, 1.67 secretarial positions

and some technical positions.

The document was completed in September and last week Erindale administrators met with members of the provost's office. The meeting went well, said Professor Roger Beck, acting principal of Erindale. A certain amount of finetuning will be required but by the end, "I think the plan will emerge even stronger."

The plan has met with mixed reaction on the Mississauga campus, Beck said. "A number of people think it's exciting, others say it's fantasy land." However, he has found that the majority of disciplines support the plan. On Nov. 17 a group of the most vocal dissenters submitted a plan for their area — economics — and Beck said it will be included in Erindale's final response to the white paper.

The savings proposed by the plan amount to \$2,028,000 or 6.4 percent of the college's budget. "The cuts are certain," Beck said. The fate of the new initiatives, on the other hand, depends on Erindale's success in the competition for support under the academic priorities fund.

All academic units at U of T must respond to the white paper by the

end of December. Erindale's draft plan has been distributed for comment at Erindale and will also be reviewed by a vice-president from the University of Victoria who will visit the college to meet with students, faculty, administrators and other groups.

~ See ERINDALE: Page 2 ~

OISE Merger Approved

THE PROVINCIAL GOVERNMENT has accepted the merger terms proposed by U of T and the Ontario Institute for Studies in Education. The deal will be considered by the U of T Planning & Budget Committee and OISE's board of governors Nov. 22. Governing Council will examine the terms at a series of

special meetings in December.

"This is an excellent agreement for OISE and the University of Toronto," President Robert Prichard said Friday afternoon just after Queen's Park approved the plan. "The Ministry of Education has been very supportive of the agreement."

AWARDS & HONOURS

Youson receives Scarborough award

AN AWARD, TWO CONTRACTS AND A GRANT WILL GIVE A big boost to Professor John Youson's research into lampraeys. Last month Youson of biology at Scarborough College received the Scarborough Campus Principal's Award, which will give him time off from teaching next term to conduct research. Since then he has also received two contracts from the Great Lakes Fisheries Commission and an NSERC grant of \$110,000 in collaboration with Professor Fred Keeley of the Departments of Biochemistry and Clinical Biochemistry at U of T and Professor Glenda Wright of the Department of Anatomy & Physiology at the Atlantic Veterinary Arts College of the University of Prince Edward Island. Youson is searching for an ecologically sound way to control lampraeys in the Great Lakes and is also investigating human biomedical applications connected with the work. The principal's award recognizes Scarborough faculty whose efforts contribute to the campus' research profile and academic environment.



German scholar studies mothers

ONE OF GERMANY'S LEADING HUMANITIES SCHOLARS HAS received a Canada Council award to conduct research at U of T. Professor Renate Möhrmann of the Institute for Theatre, Film & Media studies at the University of Cologne received the 1994 Germany Research Award to compare the portrayal of mothers in fiction, drama and film with the real experiences of women. Möhrmann has lectured widely on feminism, cultural theory and media studies. The Donner Canadian Foundation provided a grant for the creation and administration of the award.

Architecture wins GGs

FACULTY AND GRADUATES OF THE SCHOOL OF Architecture & Landscape Architecture won a number of Governor-General's awards last month. The winners are: Professor Brigitte Shim, who won a medal for excellence for her own house in a Toronto laneway and an award of merit for a house in Haliburton, both designed with Howard Sudtiff; the firm of Professor Bruce Kuwabara and alumnus Shirley Blumberg (Kuwabara & Blumberg Architects), which won a medal for excellence for Kitchener City Hall and an award of merit for a house in Richmond Hill; Professor Barry Sampson's firm, Baird/Sampson Architects, which won an award of merit for Toronto's Bay-Adelaide Park, designed with the Webb-Zerafa Menkes Housden Partnership; and Professor Stephen Teeple won an award of merit for the Trent University Childcare Centre. Two former faculty members, Jack Diamond and Donald Schmitt, share an award for the Richmond Hill Central Library and another for U of T's Earth Sciences Centre, which they designed with Bregman & Hamann Architects.

IN BRIEF



Donations way up

DONATIONS TO THE UNIVERSITY ARE UP 93.7 PERCENT OVER LAST YEAR. "A year ago the University invested in a major gifts program and now we are seeing the utility of that investment," Jon Dellandrea, vice-president and chief development officer, told Business Board Thursday. The sum of major gifts together with the yield from bequests and planned gifts as well as annual and other fundraising programs came to \$11,946,938 between May and October, compared with \$6,166,424 for the same period a year earlier.

Acting vice-chair elected

WENDY CECIL-COCKWELL, CHAIR AND PRESIDENT OF BROOKMOOR Enterprises Ltd., has been elected acting vice-chair of Governing Council. The election took place Nov. 14 and two members stood for election — Cecil Cockwell and Kamala-Jean Gopie. The current acting chair, Anthony Cooper, and the acting vice-chair will probably serve for three or four months until the status of the chair is determined, said Jack Dimond, secretary of Council. Annamarie Castelli, who was appointed chair in 1993, is seeking the nomination of the Ontario Liberal party in Downsview and will resign as chair if she is nominated. For the time being she is on a leave of absence.

Native health lectures receive funds

THE ONTARIO MINISTRY OF HEALTH HAS ANNOUNCED THAT PROFESSOR Chandrakant Shah of the Department of Preventive Medicine & Biostatistics will receive \$10,000 a year for the next five years to fund the visiting lectureship on native health. The program sheds light on socio-economic, cultural and health-related issues affecting the native population. This year's lectures ran from Oct. 17 to Nov. 3 and focused on mental health and healing.

Dentistry receives six-year contract

THE FACULTY OF DENTISTRY'S MEDICAL RESEARCH COUNCIL GROUP in Periodontal Physiology has been awarded a new six-year contract to continue studies on periodontal tissue regeneration. The group will receive \$879,000 a year from MRC. Formed in 1973 by Professor Anthony Melcher, it is world-renowned for its multidisciplinary approach to the study of the regeneration of connective tissues lost to disease. Members are Professors Jack Ferrier, Jaro Sodek, Chris McCulloch, Arun Seth and Howie Tenenbaum.

Ontario, Singapore fund projects

TWO RESEARCH PROJECTS AT U OF T HAVE RECEIVED FUNDING FROM THE Ontario Ministry of Economic Development & Trade and the Singapore National Science & Technology Board. One, headed by Professor Beno Benhabib of mechanical engineering, deals with the development of a flexible rapid manufacturing system for fibre-reinforced plastics; the other, by Professor Alberto Leon-Garcia of electrical and computer engineering, focuses on quality-of-service issues in wireless ATM networks. A total of four projects won up to \$400,000 each.

Erindale

— Continued from Page 1 —

"We are taking the white paper very seriously," Beck said. "In our plan we have not said what would be a reasonable minimum of positions. We are planning on our strengths and what we propose is a logical outcome of the white paper."

For example, the college expects to have fewer students. Since 1991, enrolment has declined, says the draft plan, and the college hopes its student population will be "much smaller" than last year's 6,400.

Proposing the addition of 32 new positions (or 30.75 full-time equivalents) is not a frivolous suggestion, according to the document. "Our complement of faculty is embarrassingly small for the size of our enrolment," it says.

The division of social sciences relies heavily on stipend instructors — last year more than 40 percent of the sections taught in economics, political science and sociology were taught on stipend. Referring to the white paper's recommendation that most courses be taught by full-time faculty, Erindale's plan asks for three new positions in the humanities, seven in the sciences and 20.75 full-time equivalent positions in the social sciences.

With respect to budget cuts, Erindale may ask for a postponement of some of its reductions. Between 1995 and 1999 only 10.67 faculty positions will be vacated by retirement, while 29 retire in the years 2000-2004. It is essential, says the draft plan, that six retirements in the period 2000-2003 be permitted to count in the budget cuts for the period 1994-2000.

Erindale will ask for "a significant infusion" of new funds for teaching assistant support, says the document. As Erindale's leaders see it, "TAs are graduate students and they are present in our classrooms and teaching laboratories because we are a research-intensive university training the next generation of academics. If Erindale is to participate fully in these aspects of the University's mission, it cannot afford to do less than full justice to the University's faculty, graduate students and undergraduate students in the deployment of TAs."

New Programs

ERINDALE COLLEGE PLANS TO introduce 11 new programs, none of which is currently offered at U of T and four of which would be new in Canada.

The programs are mentioned in Erindale College's draft response to the University's white paper on planning. The three graduate programs are:

- Technology management. A first in Canada. Students with backgrounds in science and technology would examine the nature, role and management of technologically-based organizations in the societies of advanced economies. Links would be forged with businesses, especially in the Mississauga area.
- Biosciences and biotechnology. This program could eventually be one of several offered by an interdisciplinary unit that a group of faculty is interested in forming. Topics of study may include DNA technologies, fermentation, bioreactors and business and invention management.
- Liberal studies. Programs of this nature have operated successfully for 25 years at American institutions. They are two- or three-year programs, geared to the needs of mature students.

The proposed undergraduate programs are:

- Geomatics specialist. In anticipation of the program the faculty in surveying science has merged with geography to create the only arts- and science-based professional geomatics program in Canada. The following two programs would also be

the first of their kind in Canada:

- Forensic science. Courses in this BSc major program would be delivered by faculty members in anthropology, biology and chemistry and build on the strong biochemistry collaboration already in place at Erindale.
- Management. Workplaces need graduates who know about management but also are grounded in non-economic disciplines. This major program for students in the humanities, social sciences and the sciences would address that need.
- Centre for survey research. A computer-based centre would assist students who are learning about social research and opinion polling in modern policy formulation and decision making.
- Environmental programs initiative. Three existing programs in the environment would be refined and a fourth, environmental earth science, added.
- State, economy and the global order. This program would consider the modern context for the study of politics.
- Physical sciences. This revised specialist program would be for generalists and involve astronomy, chemistry, geological sciences, mathematics, physics and statistics.
- Amerindian archaeology. Designed for students interested in careers relating to native communities, heritage conservation, museum work and other fields, the program would also forge practical links with the First Nations community.

UNIVERSITY OF TORONTO

THE BULLETIN

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PROFILE

KINDNESS WITH AN ATTITUDE

U of T's native student services coordinator combines goodwill with political activism

By SUZANNE SOTO

RODNEY BOBIWASH, AN OJIBWAY INDIAN AND U of T's new coordinator of aboriginal student services and programs, acknowledges there is one "fault" others always point to about his tribe.

"They say we are just too kind, that it is our trait as people," says the well-known racism fighter and native rights activist. "Maybe that is true, but personally, I think you can never be too kind."

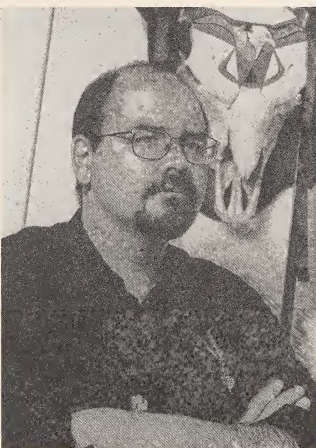
He concedes, however, that his own goodwill has been sorely tested over the years during his clashes with the Heritage Front, a neo-Nazi organization based in Toronto. The battle began in 1991 when Bobiwash was working as coordinator of urban self-government and anti-racism with the Native Canadian Centre of Toronto. He learned that the organization was discrediting native communities in its publications and disseminating anti-native messages on its public telephone "hot-line."

"I filed a complaint against them with the Human Rights Commission and became involved from that point on," he recalls. "I started organizing against hate groups and it became the focus of my public work and profile."

Bobiwash also took the Heritage Front's leader, Wolfgang Droege, to court on a private charge of spreading hatred against native communities through the hot-line. Droege pleaded guilty, he was later found guilty and sentenced to jail on another charge — contempt of court for violating a bail condition to stop the racist telephone messages.

Bobiwash says he has been the subject of death threats, has required police protection and even spent a few nights sleeping in his office. Despite all this he emphasizes that he is not intimidated or frightened by the organization. Unlike many he does not despise its members, not even Droege with whom he has a "civil relationship."

"I feel sorry for them because how can anybody be happy carrying all of that hatred inside?" he wonders. "If your whole identity comes from believing you are somehow superior by virtue of something you have, no control over, like the colour of your skin,



it makes you very vulnerable, so, yes, I do feel sorry for them."

Born near Blind River, Ontario, Bobiwash lived on the Mississagi Indian Reserve until he was seven. When his father died, his mother, two brothers and five sisters moved to Garson, north of Sudbury, where Bobiwash graduated from high school in 1978. He entered the native studies program at Trent University but says that too much jockeying and not enough studying brought down his grades. He left at the end of second year.

"I went to Calgary and northern Alberta to work. I did everything from putting tops on shampoo bottles to carrying lumber and setting up trade shows." After about a year he realized he did not want to spend his life doing odd jobs and manual labour so he returned to Trent. With commitment renewed, he excelled and graduated in 1984.

For several years Bobiwash taught native studies part-time at Trent and at the University of Manitoba. In the mid-1980s he left to take up graduate studies in philosophy at the University of Oxford. Needing a break he returned to Canada in 1988 and was hired as a full-time native studies lecturer at Trent. Although he loved the work and contact with students he was forced to leave after two years because of his political activism off campus. While participating in native protests against logging in the Temagami area, he was arrested twice.

"The university gave me a choice," he explains. "The head of my department told me, 'If you are arrested again, you won't have a contract with us again.' I said, 'Well, then I won't have a contract because when my people and my land are being attacked, I don't have a choice but to stand up.' It was a very hard decision to make."

He began working as a negotiations assistant with the Indian Commission of Ontario and a year later joined the Native Canadian Centre. He also started his own consulting firm on native issues. When he saw the U of T job advertised, he was instantly attracted. He wanted the opportunity "to put into practice everything I believe in," including fairness, equity and education for native people. One of his main goals is to use his many connections with the native community to strengthen the office's programs.

"I want to set up workshops for students with elders, native leaders and others in the community." One of the many groups he has in mind are Ojibway basket makers. Bobiwash is certain that if encouraged, they would impart knowledge to students in two areas — how to produce an attractive basket, of course, and more important, how to cultivate that famed Ojibway kindness.

JEWELL KANOUJAH

U of T Emphasizes Benefits of Stable Funding Base

The push continues to convince Ontario Council on University Affairs that current funding formula is best

By SUZANNE SOTO

UOF T AND OTHER ONTARIO universities could not have instituted key changes in the past few years without stable government funding, a U of T delegation told the Ontario Council on University Affairs Nov. 8.

Long-term financial and academic planning, increases in the quality of program offerings and the admission of more economically disadvantaged and visible minority students have been made possible by the current funding formula, members of the delegation said. Radically altering the formula, they emphasized, would undermine what has been accomplished and eventually destroy the province's strong university system.

President Robert Prichard led the U of T group consisting of about a dozen representatives. The heads of the faculty and staff associations, the president of the U of T Alumni Association and former Toronto mayor June Rowlands also addressed the council at the five-hour hearing in the Mount Block on Bay St.

The meeting was one of the last in a series hosted by OCUA at universities around the province starting Sept. 27. The council wanted input

from post-secondary institutions and the public before recommending changes to the province's funding formula. The recommendations will go to education minister Dave Cooke next month.

Universities receive nearly \$2 billion a year in operating grants, based on enrolment levels. Cooke asked the council last February to suggest other models. In an August discussion paper OCUA proposed three alternatives; in one, universities would be financed on a funding-for-services-provided basis. Universities have uniformly rejected the proposal, saying it would greatly destabilize post-secondary education.

Provost Adil Sedra and Professor Roger Beck, acting principal of Erindale College, told the council that over the next several years predictable funding levels will allow U of T to strengthen some programs and eliminate others, deal with a large number of faculty retirements, cope with social contract cuts and streamline academic and administrative operations. "Nothing impedes restructuring more than uncertainty," Sedra said.

Noting OCUA's wish to increase university accessibility, Professor Heather Munroe-Blum, vice-president (research and international

relations), said the University has substantially increased its numbers of black and native students thanks, mainly, to a stable funding base. Prichard urged council members not to do anything that would "diminish or undermine the University of Toronto" because this would detrimentally affect the people of Ontario.

Rowlands reminded OCUA of U of T's many contributions to Toronto's education and arts communities. "As well, the University has many links to the private sector in research in the fields of engineering, biotechnology and even in our city plan process and that is just to name a few," she said. "We look to the University of Toronto as a resource."

In the alumni association's brief, president Frank MacGrath said the University is already accomplishing many of the government's desired goals under a new funding system such as delivering high-quality teaching, research and community service and effectively using public resources. "Moreover, the very users and beneficiaries of those resources, the alumni, are satisfied enough with the quality of the education they receive to voluntarily support the University of Toronto in numerous ways," MacGrath said.



Peter Boulton

Peter Boulton, president of the U of T Faculty Association, said OCUA should abandon plans to recommend drastic changes because the current system is sound. UTFA's four-page brief accuses OCUA of "adopting the political agenda of our current provincial government with zealous obedience." It says the council's discussion paper "reels of shoddy research" and misrepresents facts about the current system. "OCUA was established to be an independent advisor of government, not to be a political spin doctor," it states.

The staff association concurs with the University's response to OCUA,

said Robin Breon, UTSA's vice-president (external). However, in its brief the staff association urges the government to encourage universities to develop long-range staffing plans in concert with employee groups. Staff should also have more members on university governing bodies. "We enjoy the least amount of participation on governing bodies at U of T," Breon said, adding that there are only two staff representatives on Governing Council. "We'd like to see that ratio increased."

The presentations elicited some comments from council members. George Bancroft questioned Prichard's assessment that "whatever is good for U of T is good for Ontario." Many universities in northern Ontario, he said, feel "dreaded" by the large amount of support and resources given to southern institutions like U of T, Queen's and McMaster. Council chair Joy Chhota said northern universities also want more research funds. Gilbert Levine said he found UTFA's "total support of the status quo" surprising in light of "the enormous changes that have taken place in the country" and in universities in general, over the past several years.

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Note that 1994 claims must be sent to Blue Cross by December 31, 1995.

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U of T Developing Policy on Access to Information

A POLICY TO GOVERN ACCESS TO U of T's many records and files is being developed by the University.

A draft of the Policy on Access to Information & Protection of Privacy has been circulated among University administrators and various campus groups. Prepared by Governing Council secretary Jack Dimond, the policy was also on the Nov. 3 Academic Board meeting agenda for preliminary discussion. Following revisions the policy will be brought back to the board early in the new year, then go to Governing Council.

The policy states that as a general rule, information contained in U of T records should be available to members of both the campus community and the public. Records refer to any information relating generally to the operation of the University; students, faculty and staff individually; and material in these categories in the University Archives.

Exceptions to the disclosure rule should be as limited and specific as possible, the policy adds. However, the collection, retention and disclosure of personal information should be regulated in a way that will protect

the privacy of those who are the subject of such information.

Also the University should establish a mechanism for resolving any disputes relating to access to information and privacy protection matters, the draft says. This should consist of the appointment of a Commissioner for Freedom of Information & Privacy Protection who would handle complaints and render decisions independently of the University. The draft also suggests the University appoint a number of freedom of information officers.

The purpose of the policy, Dimond said, is to create standards on freedom of information and privacy protection that reflect the underlying principles of the Ontario Freedom of Information & Protection of Individual Privacy Act. The province has asked all universities to develop such standards by the end of 1994.

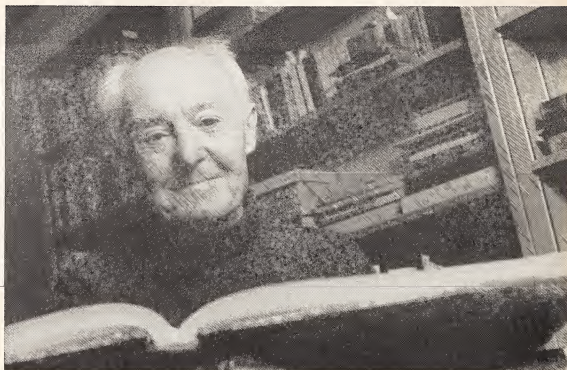
Dimond noted that the new policy will not take precedence over others that regulate access to specific information already in place at U of T, such as the policy governing access to personnel files. Several

members of Academic Board commented on aspects of the 12-page policy, which deals at length with exemptions, the handling of confidential information and the duties and responsibilities of the commissioner and freedom of information officers.

Brian Burchell, an alumni representative, wanted to know how much the addition of a commissioner and any officers would cost the University. Dimond replied there would be no additional staffing costs because existing staff would be asked to undertake these duties. Professor David Tinker of the Department of Biochemistry said the policy should not allow for the release of records where the providers of such records expected that they would be kept confidential.

Professor Kathryn Morgan of the Department of Philosophy said she was concerned about the University releasing information collected for statistical analysis, particularly from small campus groups. Dimond said he would take these and other points into account when rewriting the policy.

ADDING FRENCH ROMANCE



Father Joseph Sablé leafs through a book from the Centre d'Etudes romantiques Joseph Sablé.

— Continued from Page 1 —

from a larger and enriched collection.

In the ensuing nine years Sablé, who spends two-thirds of his time in France and the rest in Toronto, continued to give books to St. Michael's. Meanwhile the French department began forging links with French scholars at the University of Montreal. Earlier this year a group of six scholars from the universities, including Perron and Falconer, asked the Social Sciences & Humanities Research Council for support. They wanted funding to open a joint centre that would be a home for the collection, assist graduate students, host an annual lecture and publish a journal. SSHRC has given the group \$82,000 for the next three years, starting in 1994-95. Among other things, the grant will help fund the travel expenses of visiting international scholars, the 1996 meeting of the Society for 19th-Century French Studies, with an expected 200 participants, and the compilation of a detailed thematic catalogue of the collection.

The centre has also received funds from the Faculty of Arts & Science, the Office of Research & International

Relations, the School of Graduate Studies and St. Michael's. The money is being used to renovate the Kelly Library space that houses the collection, which continues to grow. Recently the French department agreed to transfer to the centre about 4,000 books and other materials from the Emile Zola Correspondence Project, currently located at the Robarts Library. The transfer is expected to occur once the last volume of the project's 10-tome series is completed next spring.

Falconer, who had the idea of joining the two collections, says the merger is an excellent example of the type of collaboration that can take place between the University and its colleges. In addition to enhancing U of T's goal of increasing such cooperation as set out in the white paper, the new centre will be an invaluable research and training facility for the next generation of 19th-century French scholars, he says.

Indeed the fact that Zola's works will now be housed in a Catholic college adds an interesting paradox to the situation. "Zola spent much of his life fighting the church so this is not without irony," Falconer notes. "It's a real challenge in a way but it also shows how ecumenical the colleges have become."

Federal Deficit Reduction May Affect Granting Councils

THE FEDERAL GOVERNMENT should leave its investment in university-based research intact or even increase it if it wants to boost the economy and enhance the lives of Canadians, says Professor Heather Munroe-Blum, vice president (research and international relations).

Munroe-Blum took that message to last month's national consultation in Ottawa on the federal review of science and technology. President Robert Prichard, former president George Connell, University Professor John Polanyi and Professor Ed Barbeau were among those representing U of T. The government also held 25 local and regional conferences, including one in Toronto Sept. 29 and 30.

In an interview Munroe-Blum said she fears the government's short-term goal of reducing the deficit will turn large as a rival to investment in research. "The greatest competition right now is between the deficit and programs — that is, how to tackle the deficit on the one side and on the other, how to invest in the country to maintain a good quality of life for Canadians." The University has tried to make the case for maintaining funding to university research by arguing, among other things, that it provides a handsome return on

investment, she added.

Last August the University submitted a brief to the government, emphasizing the contribution made by universities to the country's economy and culture. However, it noted this connection is not always obvious and such benefits are often realized in the intermediate- or long-term.

"In times of fiscal constraint it will be tempting to concentrate investment in areas of short-term payoff... [but] an over-emphasis on the short-term investment comes at the risk of the long-term security and well-being of the nation and the investment itself, the brief says."

Underinvesting in research could lead to the loss of talented people to the US or other countries, Munroe-Blum said.

In an interview Prichard said universities made their arguments clearly and forcefully and they appeared to be well received. But he said he is not yet convinced Ottawa really has a clear picture of what is at stake. "There is not yet a strong sense of direction and commitment from our federal leaders. There is much too much taking for granted the capacity of universities to meet the country's needs; we must continue to work extremely hard to help our federal leaders appreciate the need for con-

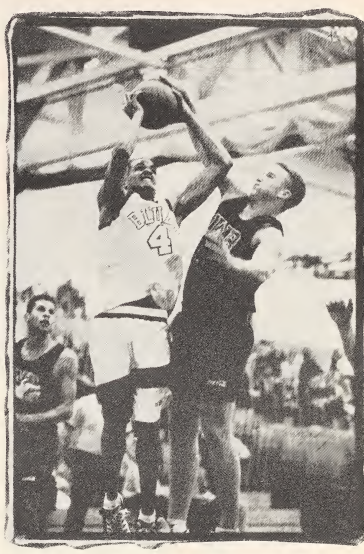
sistent, supportive policies to ensure the vitality of Canada's universities."

The review was launched last summer to examine current federal expenditures on science and technology infrastructure. Ottawa dispenses approximately \$7 billion a year; about \$1 billion is allocated for research through three granting councils — the Medical Research Council, the Natural Sciences & Engineering Research Council and the Social Sciences & Humanities Research Council. U of T's share of the \$1 billion is the largest of any university in the country, at about \$90 million.

Last winter's federal budget spared the granting councils major cuts and it anticipated small increases starting in 1995. However, the review has since generated anxiety among university researchers across the country. While the review is not specifically a cost-cutting exercise, Munroe-Blum believes cuts in some areas will be recommended in the review's final report in early 1995.

"The word we get is that the granting councils are looking at roughly 15 percent over several years," said Munroe-Blum. "Other federal programs are dealing with total loss of budget to cuts in the order of 30 or 40 percent."

UPSHOT OF IT



Blues booster Chris Ellison, a second-year fine art student, grimaces as he goes up for a shot against a University of New Brunswick defender. Held at Varsity last game 68-61, they won the four-team tournament held at U of T Nov. 4-6. The women's Blues, who also participated in the 1994 National Invitational Tournament, swept all of their games for the trophy.

ANDRE SOUCOUON

Let's Work Cooperatively, Mayor-elect Suggests to U of T

BY ALFRED HOLDEN

TORONTO MAYOR-ELECT Barbara Hall says U of T and the city could both benefit by pooling their resources and working together more often.



Barbara Hall

"I see U of T as being a major employer as well as part of the life of the city," Hall said in an interview after her upset victory over June Rowlands in the Nov. 14 municipal election. The city should look to U of T more often for expertise in resolving some of its urban problems, she said. One area where the two could cooperate is in the field of soil contamination. "Here we have an enormous university with a lot of research happening and this is an area where we might come together more," she said.

Revitalizing the economy of Metro Toronto, she said, is important both to U of T and its students, particularly if the city wants to hold onto graduating talent and remain home to a dynamic education infrastruc-

ture. "If people don't see a place for themselves — a place that's positive — then they're not going to stay here and not going to be involved in the life of the community," Hall spoke to President Robert Prichard several times during the campaign and said she wants to keep the dialogue open.

In interviews city and Metro Toronto councillors representing neighbourhoods around the three U of T campuses discussed issues ranging from traffic and housing to the future of the University's steam-heating plant on Russell St.

Toronto's Ward 5 city councillor and activist Dan Leckie said he would like to see U of T become a better landlord. The new councillor represents the ward that includes the St. George campus. U of T owns many of the Victorian-era houses in the ward and could do a better job maintaining and preserving them, he said.

Leckie wants to meet with U of T administrators to discuss making St. George St. more attractive, as proposed by entries in a U of T design contest last summer. "The street is brutal and has been for 25 years," he said.

John Adams, a re-elected midtown city councillor, proposes another way to cooperate. He would like to see U of T integrate its steam-heating plant with the two municipally owned steam plants that provide central heat to downtown hospitals, office towers and public buildings. There has been a pipe connection

for years but no agreement with the city to use it, he said. Benefits would be significant — both environmentally and economically, he noted.

Metro councillor Ila Bossoms, an incumbent in Midtown, said staff and students will be affected by the outcome of the battle between the city and Metro over property taxation. "It's a big issue for people who live anywhere near the University," she said. Metro's market value assessment (MVA) proposal, which was turned down by the province before the election, would have driven up the cost of housing and altered the economics of operating businesses, stores and restaurants downtown, she said.

In Mississauga, councillor Katie Mahoney said heavy traffic has become an issue in the vicinity of Erindale College. Two proposed housing developments — one of them on land to be sold off by U of T — have added to neighbourhood angst. The councillor, who was acclaimed in Ward 8 where Erindale is located, hopes concerns will be resolved through a committee of local residents, the college and Mississauga city staff. "The area residents feel a lot of traffic is generated by the University but I believe it's the combination of everything."

Scarborough College and its surrounding neighbourhoods will be represented by Ward 8 city councillor David Soknacki and Scarborough Highland Creek Metro councillor Ken Morris.

Women's Studies Has More Plans

WOMEN'S STUDIES AT U of T has demonstrated staying power. The subject was taught for the first time at U of T almost 25 years ago. In January it will be offered at the graduate level, and now faculty members in women's studies plan to propose a centre for women's studies.

Professor Kay Armatage, director of the new graduate program, was one of the first to teach women's studies at U of T. In the early 1970s a number of programs began under the umbrella of an interdisciplinary studies department. A few years later the department closed but the programs continued and some flourished including women's studies at New College. Today undergraduates can choose a minor, a major or a specialist degree in women studies and enrolment is steady at about 125.

Plans for a graduate program were first discussed with the School of Graduate Studies four years ago; last year Governing Council approved a proposal for the Graduate Collaborative Program in Women's Studies. In three years the program will undergo its first review and Armatage and her colleagues hope the committee will recommend that it become a graduate centre.

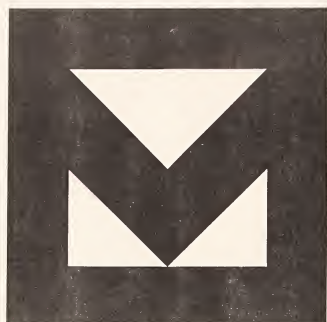
Meanwhile, for the next three years at least, graduate students in women's studies must enrol in one of the 15 graduate departments that

participate in the collaborative program — anthropology, community health, the Centre of Criminology, the Graduate Centre for Study of Drama, Education, English, French language and literature, history, law, Near Eastern studies, philosophy, political science, social work, sociology and Spanish and Portuguese. Graduates will receive their master's or doctor's degrees from their home department, with a notation on the transcript that they have completed the women's studies program.

Armatage has no problem finding students for the program. Just a few universities in Canada offer graduate women's studies and students from all over the country have made inquiries about the new program, she said.

Students specializing in women's studies have better credentials and are more employable in the public and private sectors because of their advanced training regarding women's issues and issues of gender, says Professor Kathryn Morgan of the Department of Philosophy, who chaired the committee that proposed the program. Women's studies train students to develop new research questions and paradigms, she says. It equips them with the kind of intellectual flexibility that suits the agencies, ministries and public and private institutions involved in interdisciplinary research and policy development.

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PSYCHOLOGY

OF TELEVISION, STORKS AND CRIMINAL BEHAVIOUR

Banning violence on TV is the thin edge of censorship wedge, says psychology professor

By KARINA DAHLIN

LAST MONTH, AFTER A DISCUSSION WITH TORONTO school board officials about a school shooting incident, education minister Dave Cooke said that with all the violence shown on television, "Is it any wonder we see more violence in schools?"

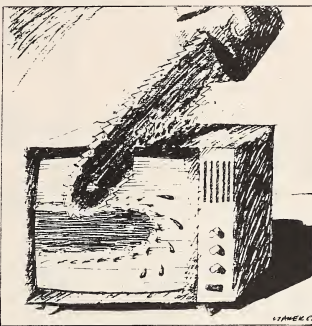
Cooke's opinion is not surprising. For years psychiatrists, psychologists and others have warned that violence on TV increases aggressive behaviour. It's a theory most people accept as a truism but a few do not — including Professor Jonathan Freedman of the Department of Psychology.

Freedman conducted a literature review in 1984 in which he concluded that while there is a consistent, small positive correlation between viewing television violence and aggressiveness, "there is little convincing evidence that in natural settings viewing television violence causes people to be more aggressive." In other words violent people may watch more violent television but there is no conclusive evidence that violent shows create violent people.

An analogy to Freedman's argument was offered in a story about television violence in *The Economist* last August: "There is a correlation in Germany between the decline of the stork population and the falling human birth rate. That does not prove that storks bring babies."

In the 10 years since Freedman published his study he has seen nothing to convince him that he is wrong. Nor has he said much to convince the other side that he is right; the move to ban violent television continues.

In a June 1993 report called *Television Violence: Praying Our Social Fabric*, the House of Commons Standing Committee on Communications & Culture proposed that a comprehensive inquiry into all aspects of societal violence be undertaken. "Television violence is only the tip of the iceberg," the report noted, "it must be addressed, but in an integrated



approach to the larger issue of societal violence."

Meanwhile the Canadian Radio-Television & Telecommunications Commission announced in October 1993 that it had accepted a "new, tougher TV violence code" developed by private television broadcasters. "The code is a significant step towards assuring Canadian children a healthier TV childhood free from gratuitous violence," CRTC chair Keith Spicer said in a news release. "Research worldwide has shown that a relentless diet of TV violence can make children insensitive to cruelty as well as more aggressive and anti-social."

This is a distorted interpretation of existing studies, Freedman contends. Known internationally for his views on TV violence,

he is regularly invited to speak on the subject and has published several articles. But this is not his main area of research and he has never applied for a research grant to study it. Nor does he sound as though he plans to. In the US, at least, people with views like his "will never get government money," he says. "The common wisdom is that television causes violence."

Unfortunately academics are partly to blame for this perception, Freedman believes. Scientists have an obligation to be careful about their research and not to overstate their case, he says.

In this debate he thinks fellow scientists have jumped to conclusions about cause and effect. In an article published in the book *Psychology and Social Policy* in 1992, he wrote that "research has not produced the kind of strong, reliable, consistent results that we usually require to accept an effect as proved. It may be that watching violent programs causes increased aggressiveness, but from a scientific point of view, this has not been demonstrated. Our public statements should reflect this."

Everyone should be concerned, Freedman says. Violence is high on the public agenda — witness the ban by the Canadian Broadcast Standards Council of the children's show *Mighty Morphin Power Rangers* earlier this month. Governments all over the world are relying on inaccurate interpretations of research as they prepare legislation to limit television violence. It's the thin edge of the censorship wedge, he warns. "I think it's a way for conservative politicians to clamp down on the media. If you can ban violent TV, why stop there? Also it's good politics to come out on the side of the angels. It makes you look as though you are doing something about crime."

Freedman is not a great lover of TV violence — nor of television in general — but he thinks it is a mistake to blame TV violence for the crime in our society. Rather we should focus on the real causes of violence such as poverty, unemployment, bad parenting and racial and ethnic conflicts.

MARK GREENBERG



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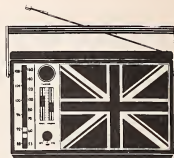
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HERBAL HERITAGE

Modern science can learn a lot from Mexican folklore medicine and two researchers are helping to bridge the gap
BY ALFRED HOLDEN

THE ANCIENT GREEKS were experts at it. Manuals about its practice were among the earliest illustrated books. Today, many cultures remain faithful to it. And at two far-flung locations — Mexico City and U of T — a pair of determined chemists is investigating why.

The subject is herbal medicine, specifically the belief based on lore or experience or both that particular plants have definite and beneficial healing powers.

The field has a long history. Plants are one of the foundations of modern pharmacology. Some beliefs about them are based in superstition. But, says Professor William Reynolds of the Department of Chemistry, many plant-derived medicines work very well, posing some bewitching chemical, pharmacological and even social questions.

"Ancient carvings show medicinal plants were used and you can track their use continuously right up until today," says Reynolds. This use is common through much of the world including Canada, where aboriginal peoples have identified several medicinally helpful plants. But it is especially the case in tropical countries, whose climates support an enormous range of plant life.

REYNOLDS BECAME INTERESTED in probing this field as a chemist looking for a challenge. At U of T he specializes in determining the structure of organic molecules through spectroscopy. He is, he says, "always looking for someone to send me samples of something new." He met one of those individuals quite by chance; Raul Enriquez dropped by his lab in 1978 while on a visit to Toronto. Enriquez, also interested in chemical analysis using a spectroscope, was working on his PhD thesis at the National University in Mexico City, where he now teaches. He was investigating the properties of plant substances used in Mexican folklore medicine. The subject piqued Reynolds' curiosity and the two scientists decided to collaborate.

Reynolds found on subsequent field visits to Mexico that the country's rural areas remain a source of medicinally and chemically interesting plants and retain a culture "where knowledge about their use has been transported through time." The reason is no mystery: rural, relatively poor Mexicans, far from centres of research, have acquired and passed along ancient local remedies.

What are the active components of these herbs and what is their true value? And perhaps more important, do some of these plants contain ingredients or provide knowledge that could benefit the wider world? The Reynolds-Enriquez collaboration, which has since drawn in other researchers with interests in chemistry, drugs and medicine, has begun to provide answers. In so doing it has connected U of T internationally in a series of research exchanges and tied ancient tradition with modern science: pharmacological testing has been carried out along with, among other things, new procedures to determine the structure of the compounds.

Enriquez has supervised the gathering of samples and their preparation which involves drying, grinding up and using solvents on them to extract compounds. Reynolds has brought back the herbal powders to U of T for analysis. "I've had some interesting times passing through American customs [in Dallas]," he adds as an aside. "Here's an officer with a monster revolver asking me what it is and I say I don't know — that's what I'm trying to find out."



These illustrations are from a 400-year-old herbal, a book of drawings and notes identifying medicinally useful plants, written in Latin by two Aztecs.

A KEY DISCOVERY IS THAT HERBAL AND PLANT-BASED medicines tend to be more complicated, chemically and structurally, than many synthetic drugs. Many of the latter use just one compound that is pharmacologically active, says Reynolds. But some plants seem to provide a smorgasbord of ingredients that work in concert. "There often doesn't seem to be a magic bullet in that," he notes. "Several compounds just work together." Enriquez, who was in Toronto in September, says an example of this synergy is found in the guaco plant, a common Mexican weed.

There is a series of phenolic compounds," Enriquez says. "Individually each has a mild antibiotic effect. But together they are very effective for treatment of wounds." Besides confirming the plant's intrinsic value as medicine, the discovery points to something larger — it may be possible to improve synthetics by understanding how different ingredients work together. Once researchers understand this, they could create drugs that work the same way.

"Pharmaceutical companies have ignored using mixtures," says Reynolds. "They seem to be looking for the magic bullet." Says Enriquez: "What we are finding is it's a combination of compounds together that is effective. It may be that this is a direction for the future design [of drugs]."

Another plant they have probed is familiar to anyone who's watched a Hollywood movie: tumbleweed. The leaves of some varieties have proven anti-convulsant effects and are used to control epileptic seizures. A series of closely related compounds in the plant, which also show highly promising antibiotic and anti-tumour effects, appear to be responsible for its medicinal properties.

The team is also examining Zoapatle, a weed whose name translates as "plant of the women." Zoapatle is still used in rural Mexico to induce abortion during the early stages of pregnancy

and to induce labour in the late stages. Interestingly, an African plant known to contain the same chemical compounds as Zoapatle is eaten by female baboons and monkeys, apparently for the same purpose, says Reynolds.

That raises a fascinating question, the answer to which these and other scientists are still searching: how did people and animals discover the benefits of these herbs? "We have no clear idea," says Enriquez. He speculates it has something to do with trial and error over centuries of evolution. Humans have "a heritage of knowledge and biological contact with regional flora. We learn which are bitter, poisonous or medicinal." But a knowledge of herbs does not seem to be innate: it is quickly lost when men and women are cut off from traditional ways of life.

REYNOLDS AND ENRIQUEZ ARE ANXIOUS to ensure this heritage is not lost; they see promise for it on several fronts. First there is the potential human benefit from drugs extracted from these plants and marketed. An existing example is a leading anti-cancer drug, Taxol, which Reynolds says is extracted from the yew tree. "Ideally you'd find a compound that could be used directly without any further modification needed. Or drug companies may make minor chemical modifications."

Other benefits are less obvious: third-world economies could receive a boost if they have an industry for growing and processing plants for drugs. "That's one of the more subtle arguments

against the destruction of the Amazon rain forest," Reynolds says. "It has the world's largest inventory of tropical plants, the largest single pool of potential compounds."

Farming medicinally valuable plants is a possibility, he notes, though there are constraints. The research has found, for instance, that some plants produce high concentrations of useful extracts only while growing under duress. Such conditions depend on variable weather and soil conditions that might be hard to replicate under cultivation.

Another benefit is the knowledge researchers could gain about the body's acceptance of herbal medicines. Many such recipes are strictly low-tech: tea is brewed from leaves, bark or stem or herbs are ground into a paste and applied to the skin or a wound. Referring to nicotine patches that help people stop smoking, Reynolds says, "It tells us how things are being absorbed by the skin. That's the way they've been using many [herbal] remedies all along."

The two scientists' work has not gone unnoticed. Last month Enriquez was awarded the National Prize for Chemical Research of the Mexican Chemical Society. Colleagues from the University of the West Indies visited Reynolds at U of T to learn more about the research and two of that university's graduate students are spending six months in Reynolds' lab. Meanwhile the spectroscopic methods the collaborators developed to analyze plants were used by the US Food & Drug Administration to identify contaminants in a 1989 triptophan poisoning crisis that caused 1,500 illnesses and claimed 27 lives.

Not least important, Reynolds says, has been his acquaintance with Mexico, its history and culture. The experience, he notes, has proven how the university laboratory — despite its seeming isolation — remains fundamentally linked to human issues and problems.

ON THE

White paper, OISE merger in the

By SUZAN

THE PROVOST'S WHITE PAPER IS THE "SINGLE MOST important issue" facing members of Governing Council, says acting chair Anthony Comper. "Planning for 2000 has been and will continue to be an important aspect of our agenda over the next year and, in fact, for the next several years," he said in a recent interview.

Other priorities for Council members will likely include the

Ontario Council on University Affairs' proposal to change the funding formula for universities and the expected merger between U of T and the Ontario Institute for Studies in Education, he said.

"This is absolutely one of the more exciting things that has ever happened between U of T and OISE. I think it is going to allow our university to lay claim to being one of the premier

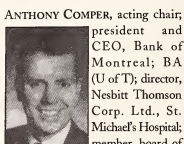
universities in the world in terms of education."

Comper, vice-chair of Council in 1993, assumed the top post last month when Annamarie Castrilli took a leave of absence to run for political office. President and chief operating officer of the Bank of Montreal, he joined Council as a government appointee in 1989 and has served on several boards and committees. These include Business Board and the U of T Press board of directors

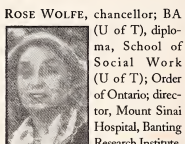
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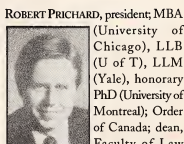
ANNAMARIE CASTRILLI, chair, on leave; lawyer, BA, MA, PhD (U of T), LL.B. (Osgoode Hall Law School); president, Women's Intercultural Network 1988-89; National Congress of Italian Canadians 1988-90



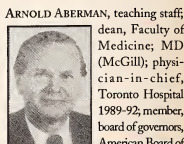
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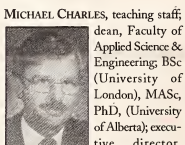
ARNOLD ABERMAN, teaching staff; dean, Faculty of Medicine; MD (McGill); physician-in-chief, Toronto Hospital 1989-92; member, board of governors, American Board of Internal Medicine; governor, Ontario, American College of Physicians



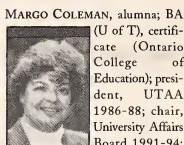
WENDY CECIL-COCKWELL, acting vice-chair; Brookmoor Enterprises Ltd.; BA (U of T); Arbor Award 1992; governor, Olympic Trust of Canada; advisory council, Dancer Transition Centre; chair, Presidents' Circle



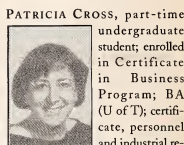
MARYANNE CHAMBERS, government appointee; vice-president, Bank of Nova Scotia; BA (U of T); fellow, Institute of Canadian Bankers; member, executive committee of the Board of Trustees of the United Way of Greater Toronto



MICHAEL CHARLES, teaching staff; dean, Faculty of Applied Science & Engineering; BSc (University of London), MASc, PhD, (University of Alberta); executive director, Ontario Laser & Lightwave Research Centre 1991-92



MARGO COLEMAN, alumna; BA (U of T), certificate (Ontario College of Education); president, UTAA 1986-88; chair, University Affairs Board 1991-94; member, Provostial Review Committee of University College



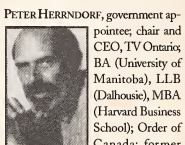
PATRICIA CROSS, part-time undergraduate student; enrolled in Certificate in Business Program; BA (U of T); certificate, personnel and industrial relations; Marja Hutchison Scholastic Award



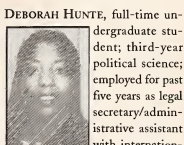
JOAN GREEN, government appointee; director of education, Toronto Board of Education; BA, BEd, MEd (U of T); chair, education committee, United Way Campaign 1992; co-chair, education committee, Hong Kong Festival 1992



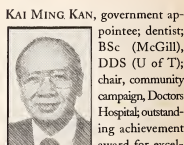
PEGGY HAIST, administrative staff; library technician, Fine Art Department; BA, MLS (U of T); chair, UTSA grievance committee 1984-86; member, working committee, U of T sexual harassment coalition 1982-83



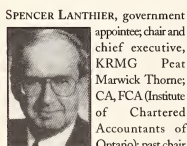
PETER HERRNDORF, government appointee; chair and CEO, TV Ontario; BA (University of Manitoba), LL.B. (Dalhousie), MBA (Harvard Business School); Order of Canada; former chair, Stratford Festival; publisher, Toronto Life 1983-92



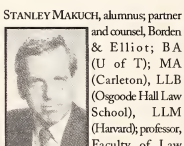
DEBORAH HUNTE, full-time undergraduate student; third-year; political science; employed for past five years as legal secretary/administrative assistant with international law firm Baker & McKenzie



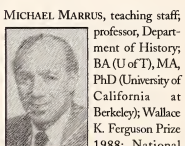
KAI MING KAN, government appointee; dentist; BSc (McGill), DDS (U of T); chair, community campaign, Doctors Hospital; outstanding achievement award for excellence in volunteerism from Ontario ministries of citizenship and culture 1989



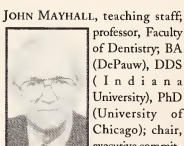
SPENCER LANTHER, government appointee; chair and chief executive, KRMG Peat Marwick Thorne; CA, FCA (Institute of Chartered Accountants of Ontario); past chair and member of executive committee, Goodwill Industries of Toronto



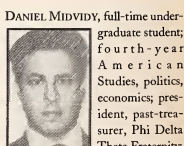
STANLEY MARUCH, alumnus partner and counsel, Borden & Elliot; BA (U of T); MA (Carleton), LL.B. (Osgoode Hall Law School), LL.M. (Harvard); professor, Faculty of Law 1976-85; member, Metro Toronto Board of Commissioners of Police 1988-91



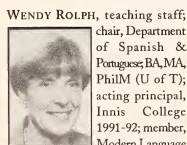
MICHAEL MARRUS, teaching staff; professor, Department of History; BA (U of T), MA, PhD (University of California at Berkeley); Wallace K. Ferguson Prize 1988; National Business Book Award 1992; chair, Academic Board



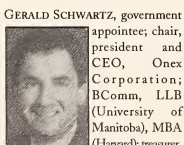
JOHN MAYHALL, teaching staff; professor, Faculty of Dentistry; BA (DePaul), DDS (Indiana University), PhD (University of Chicago); chair, executive committee of the Aboriginal Health Professions Program



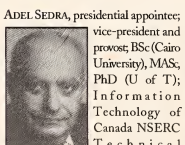
DANIEL MIDVIDY, full-time undergraduate student; fourth-year American Studies, politics, economics; president, past-treasurer, Phi Delta Theta Fraternity; Ontario scholar graduate of Forest Hill Collegiate Institute



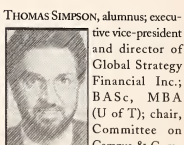
WENDY ROLPH, teaching staff; chair, Department of Spanish & Portuguese; B.A.M.A., PhilM (U of T); acting principal, Innis College 1991-92; member, Modern Language Association of America, Society for Cinema Studies



GERALD SCHWARTZ, government appointee; chair, president and CEO, Onex Corporation; BComm, LL.B. (University of Manitoba), MBA (Harvard); treasurer, Mount Sinai Hospital; director, Canadian Council of Christians & Jews



ADEL SEDRA, presidential appointee; vice-president and provost; BSc (Cairo University), MASc, PhD (U of T); Information Technology of Canada NSERC Technical Achievement Award 1993; chair, Budget Committee 1990-93



THOMAS SIMPSON, alumnus; executive vice-president and director of Global Strategy Financial Inc.; B.A.Sc., MBA (U of T); chair, Committee on Campus & Community Affairs 1980-81; founding editor of the newspaper 1978



GARY SINGH, government appointee; senior vice-president, partner and director, Merit Investment Corporation; BA, MA (Punjab University), MBA (McGill), BEd (Punjab University); member, Indo Chamber of Commerce

AGENDA

the Governing Council spotlight
NE SOTO

when it incorporated as a not-for-profit organization in 1992.

Comper graduated from U of T with a BA in English in 1966 and joined the Bank of Montreal the following year. He worked at various Toronto branches in personnel and operations and systems before his appointment as vice-president of systems development. In 1982 he became senior vice-president of personal banking and later served as vice-president and

manager of the bank's branch in London, England.

Shortly after his return to Canada in 1986, Comper was promoted to executive vice-president of operations. Three years later he became chief executive officer and on Jan. 15, 1990, was elected president.

Comper is a director of the C.D. Howe Institute, the Metropolitan Toronto Learning Partnership, the Canadian

Club of Toronto and St. Michael's Hospital. He is also a member of the board of governors of the Stratford Shakespearean Festival Foundation. Among his interests are golf, classical music, the theatre and art.

He is not sure if he will seek a second term as chair of Council. "It's really too early for me to comment on another term. I have to get my feet wet with this term first."

COUNCIL 1994-95

ROGER BECK, teaching staff, acting principal, Etiradale College, professor, Department of Classics; BA (Oxford), MA, PhD (University of Illinois); chair, Academic Affairs



Committee 1980, 1987; chair, Budget Committee 1993-94

WILLIAM BLUNDELL, government appointee; retired; BASc, engineering physics, (U of T); chair and CEO, General Electric Canada Inc. 1985-1991; member, Association of



Professional Engineers of Ontario

BARRY BROWN, teaching staff; professor and associate chair, Department of Philosophy; BA (UBC), MA, PhD (U of T); affiliations, Canadian Bioethics Society;



chair, national board, Juvenile Diabetes Foundation Canada, 1987-89

BRIAN BURCHELL, alumnus; president, Burchell Publishing Co. Ltd., publisher, Festival Magazine; BSc (U of T); chair, GRADitude student gift campaign 1987; University Affairs



Commissioner 1985-88

PETER BURGNER, alumnus; principal and founding partner, BLK/WZMH Architects; BArch (U of T); vice-chair, Calgary District Hospital Board; board of



directors, Calgary Centre Federal PC Association

LEONARD DOUCETTE, teaching staff; professor, French, Scarborough; BA(hons) (St. Thomas University), B A (hons) (University of London), PhD



(Brown); associate editor, U of T Quarterly 1984-90

LASZLO ENDRENYI, teaching staff; professor, Department of Pharmacology, Department of Preventive Medicine & Biostatistics, Dip. Chem. Eng. (Technical University of Budapest), PhD (U of T); associate dean, SGS 1988-93



JOHN GARDNER, government appointee; president and director, Sun Life Assurance Company of Canada; BA (U of T), BA, MA (Oxford); fellow, Canadian Institute



of Actuaries; lieutenant, Royal Canadian Navy (Reserve), ret'd.

ANNE GOLDEN, alumna; president, United Way of Greater Toronto; BA, PhD (U of T), MA (Columbia); research coordinator, Bureau of Municipal Research in



Toronto 1973-78; director of Ontario Liberal Policy Research 1978-82

KAMALA-JEAN GOPIE, government appointee; education officer, Ministry of Education & Training; BA (U of T), MEd (OISE); Arbor Award 1994;



president, Urban Alliance on Race Relations 1988-91

HENRY KIM, graduate student; Department of Industrial Engineering; BASc (U of T), ME (University of Michigan at Ann Arbor); member, New College



Council 1993-94, engineering committee on teaching methods 1992-93

ROBERT KYLE, alumnus; commissioner and medical officer of health, Regional Municipality of Durham; BSc (University of Western Ontario), MD, MHS c



(U of T); member, Canadian Institute of Law & Medicine

WILLARD L'HEUREUX, government appointee; president and CEO, Trizec Corporation Ltd.; BA (University of Western Ontario), LLB (U of T); chair, Canadian



Special Olympics Inc; past president, Ontario Special Olympics

SHAWN LANGER, full-time undergraduate student; Faculty of Medicine; Faculty Scholar 1990-92; producer of Daffydill, medical school variety show, 1993-94;



president, Jewish Students Union 1992-93

BRIAN LANGILLE, teaching staff; professor, Faculty of Law; BA (Acadia), LLB (Dalhousie), BCL (Oxford); chair, grievance review panel for U of T administrative



staff; book review editor, U of T Law Journal

DAVID MORTON, graduate student; Environmental Planning Program; BScAgr (University of Guelph); counselor, Queen's University Legal Aid 1992-93;



student senator, University of Guelph 1988-92

MARTIN MOSKOVITS, teaching staff; chair, Department of Chemistry; BSc, PhD (U of T); Killam fellow 1989-91; principal investigator, member of board of directors, Ontario



Laser & Lightwave Research Centre

HEATHER MUNROE-BLUM, presidential appointee; vice-president (research and international relations); BA (McMaster), MSW (Wilfrid Laurier), PhD (University of North



Carolina at Chapel Hill); professor and dean, Faculty of Social Work 1989-93

RUTH PIKE, teaching staff; professor, Faculty of Education; BA, BSW, MA, PhD (U of T); visiting scholar, School of Education, Hebrew University 1986,



Tokyo Institute of Technology 1992-93

VIVIENNE POY, government appointee; president, Lee Tak Wai Holdings Ltd., Vivienne Poy Enterprises Ltd.; BA (McGill), diploma in fashion arts (Seneca



College); director, Bank of East Asia (Canada), Art Gallery of Ontario

MELANIE SMITH, full-time undergraduate student; fourth-year electrical engineering; member, Governing Council 1991-92; president, Engineering



Speech Club (part of Toastmasters International)

TERRENCE STEPHEN, government appointee; partner, Price Waterhouse; BA (U of T), CA; seconded to province as special adviser to the Treasurer and Minister of



Financial Institutions; member, Business Board

WENDY TALFOURD-JONES, part-time undergraduate student; enrolled in Certificate Program in Business, BA (U of T); member, University Affairs Board 1989-91,



1993-94; chair, DAR Gender Equity Task Force 1993-94

ALEXANDER WAUGH, administrative staff; vice-principal and registrar, Woodsworth College; BA (University of Western Ontario); president, Canadian Association for

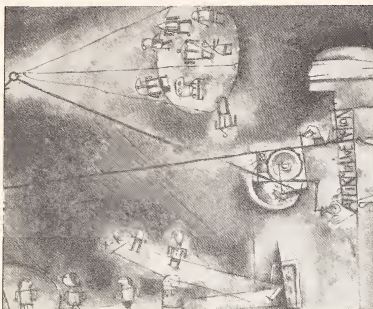


University Continuing Education 1985-86; chair, University Affairs Board, 1989-91

EDWARD WILSON, alumnus; BScF, Dip. Res. Mgt, MScF (U of T); president, U of T Alumni Association 1985-86; vice-chair, Varsity Fund 1981-85; director, Ontario Forestry Assoc-



iation; member, Conservation Committee, Town of Markham 1988-90



BORST: WHY MORE MALE GRADUATE STUDENTS IN PHILOSOPHY?

I wish to comment upon Anna Frammartino's article, "Who Benefits?" (Forum, Oct. 24). Frammartino seems to have made an error in reasoning though it is, perhaps, an excusable one. She treats her first premise, that "females and males have equal philosophical abilities" (which is, of course, true), as equivalent to (or at least entailing that) "in the aggregate, male and female applicants for philosophical jobs have equal aptitude." I doubt this is true.

Why? Well, job applicants are drawn from the pool of graduate students where the proportions are about one-third female and two-thirds male, but graduate students are drawn from the pool of undergraduate students where the proportions are about 60 percent female and 40 percent male.

Now Frammartino makes a valid point that, on a random drawing, the chance of getting two-thirds of successful applicants out of one-third of the applicant pool is very small. But using her own figures, getting two-thirds of successful graduate applicants out of 40 percent of the undergraduate population should, on a random drawing, occur with similar infrequency—3.38 percent. Yet do we actually see this occurring only at one institution in 30? No. This is, in fact, the normal case. Evidently the selection process for graduate students is not a random process, it is heavily male biased (not necessarily admissions' fault) which suggests that those females who are admitted as graduate students are, as an aggregate, better qualified than their male colleagues, again, taken as an aggregate.

While I lack sufficient data to actually prove such a suggestion, it receives at least anecdotal corroboration from the observation that women are higher over-represented amongst the prominent students in the department relative to their numbers—they account for about 50 percent of this group. Although only anecdotal that is clearly suggestive.

The argument against employ-

selection bias means that female candidates are, in the aggregate, better than their male colleagues, then that objection falls apart.

Indeed if we take my "prominence" observation (whatever flaws it may have) as accurate, then in order to have a 1:1 ratio of prominence, given a 2:1 ratio of males to females, the females must be, on average, twice as good as the males. Which would suggest that, hiring strictly on competence, there should be twice as many female hires as male hires. Voilà—two-thirds female, one-third male.

And I haven't even had to challenge the dubious claim of Frammartino's premise that "selections will be made on the basis of competence."

CHRISTOPHER BORST
PHD CANDIDATE
DEPARTMENT OF PHILOSOPHY

FRAMMARTINO: MORE MALES OPT FOR SPECIALIST DEGREE

I offer the following as a response to Christopher Borst's comments

on my article regarding the philosophy department's equity employment policy.

Borst challenges the truth of my first premise (that females and males have equal philosophical abilities) on the basis of his claim that the selection process for graduate students is not a random process. The reason he offers for this is that in the pool of undergraduate students, from which we draw our graduate students, the proportions are about 60 percent female and 40 percent male. Borst seems to suggest that if the pool of graduate students does not represent this proportion, then clearly the selection process is heavily male biased and that consequently those females who are admitted are, "as an aggregate," better qualified than the males, also taken as a aggregate.

I am inclined to question Borst's immediate assumption that the significant drop in the proportion of females in the graduate pool indicates sexist selection bias. There is, in fact, a host of other factors that may be contributing to this drop which Borst has not

taken into consideration. The assumption that the only possible explanation for this drop is sexist selection bias seems to me to be rather hasty and unwarranted.

Moreover we ought to realize that there is an important difference between the pool of graduates and the pool of undergraduates. We can reasonably expect that once students have fulfilled the graduate program in a certain field they will seek employment in that field. This is indicated by the fact that most graduate students actually end up applying for academic jobs in their field. Thus if males constitute two-thirds of the graduate pool we would expect about two-thirds of the hirings to be male. But is it as reasonable to expect that students in the undergraduate pool will naturally be applying (a) to a graduate program and (b) to the philosophy program?

One way to find out is to consider how many of the undergraduates actually end up applying to graduate programs—and in particular, to the philosophy program. It seems to me then that the truly relevant statistics are not those that represent the proportion of females and males in the undergraduate pool but rather the proportion of females and males in the pool of undergraduates who actually end up applying to the graduate philosophy program.

One crucial indication of the fact that more undergraduate males end up applying to the graduate philosophy program than females is the fact that in the pool of undergraduate specialists in philosophy the proportions are about 40 percent female and 60 percent male. (Of course these numbers may vary from one university to another, but then so will the proportion of women in the undergraduate pool.)

So long as we are unable to present conclusive or at least convincing evidence in support of the claim for sexist selection bias at the graduate level—which I think would be quite a challenge in light of my remarks above—the first premise of my argument remains unrefuted.

ANNA FRAMMARTINO
PHD CANDIDATE
DEPARTMENT OF PHILOSOPHY

ON THE OTHER HAND

BY NICHOLAS PASHLEY

BELL CURVE BALLS

JUST WHEN YOU THOUGHT IT WAS SAFE to go out again, back come the phrenologists. There they stand with their calipers, measuring the bumps on our heads and publishing books about it.

Every few years they resurface, announcing once again that they have scientifically proven that certain races are, well, not quite up to scratch. And when I say not up to scratch, I mean nowhere near as smart as white social scientists.

This time around, apparently, they're suggesting that even white guys aren't quite as smart as Asians and selected Jews but at least they're still head and shoulders above, well, you know who. It must be true because it's in a book written by two smart white guys with university degrees. And readers of this newspaper know how rare university degrees are.

The book in question—*The Bell Curve*, written by Charles Murray and Richard Herrnstein—apparently suggests that black Americans are so inherently unintelligent that it's no use trying to make useful members of society out of them and we may as well just shoot them. I say the book apparently says that because it's so popular there isn't a copy to be had anywhere so I have to go by what I've read in the newspapers.

Nor is this the only new book on the subject. No indeed, J. Philippe Rushton of the University of Western Ontario has a new book on the same old subject. I can't tell you if this one compares male private parts among various races (remember the big brain/small whastit, small brain/big whastit controversy?) because it's sold out too. There's even another book called something like *The Decline of Intelligence among American Publishers*, which hammers home a similar theme.

Typically the bleeding-heart politically correct wishy-washy tofu-gravering non-smoking liberals take a dim view of books of this sort. Ha! If they're so damn smart, why isn't Audrey McLaughlin prime minister?



What these siblinghood-of-persons, tree-hugging compositers fail to grasp is that books like *The Bell Curve* are written by real, card-carrying social scientists who have done real experiments and prepared authentic computer spreadsheets. These books have graphs and footnotes and everything. And it's a well-known fact that stuff in books has to be true. (Especially if they're about the Princess of Wales, which this one

fortunately isn't or it would sell even more copies.)

Critics of *The Bell Curve* should also note that the authors do not claim that all black people are stupid and all white people are extremely intelligent. Mostly, sure, but not all. White newspaper columnists, for example, are so unintelligent as to be almost off the scale. We're actually down there with former Toronto Blue Jays outfielder George Bell, who apparently inspired *The Bell Curve* and gave it its title. As far as I can tell, the thesis of the book is that we're all smarter than George Bell, but some people are only a tiny bit smarter while others are a lot smarter. White social scientists, for instance.

Around 1800, a German physiologist named Franz Gall developed a theory whereby he claimed to be able to read people's personalities and gifts by fondling their heads. He surmised that an artistic bent, for example, would cause a swelling in the skull over the area of the brain that governs artistic talents and could therefore be detected by a trained practitioner. This practice was called phrenology and was for a time more popular than Ouija boards. Although fondling strangers' heads in the 19th century was less pleasant than it might sound, given that shampoo technology was still in its infancy, Franz Joseph Gall and his disciples did quite nicely for themselves, playing their "science" at carnival sideshows and country fairs.

Like the authors of *The Bell Curve* Dr. Gall was a smart white guy with a university education.

LETTERS



teaching facilities and healthy course enrolments.

As an astronomer I am undoubtedly biased but I believe that astronomy is an essential part of a liberal education as it has been since classical times. By virtue of its practical and philosophical implications it is deeply ingrained in almost every culture. Today it helps to advance physics and the other sciences by providing examples of processes and environments that cannot be duplicated here on Earth. Astronomy illuminates the place of Earth (and the life on it) in space and time and fosters curiosity, imagination and a sense of shared exploration and discovery. In the words of Henri Poincaré: "it shows how small our bodies, how large our minds." It therefore provides popular science courses for students in the social sciences and humanities as well as courses to enrich programs in the sciences. Because of its interest to the general public, astronomy has always figured prominently in the University's public and school liaison programs.

In the present version of Erindale College's academic plan for 2000, astronomy courses also support programs in physical and computational science (as they do

at Scarborough), but the two astronomy faculty members will continue to provide mainstream astronomy courses as well as contribute actively to the research, administration and liaison activities of the college and their department.

JOHN PERCY
ERINDALE COLLEGE

U OF T DAY WAS GOOD DAY FOR CHICKENS

According to the advertisement for U of T Day in your Oct. 3 issue, the Department of Surgery was planning to show a video about laparoscopic surgery and then let the public practise on "supermarket chickens." We telephoned the department to express our concern about the use of chickens (yes, they would be dead, but they would have been alive once and would have been raised under pretty awful conditions) — and when we looked in on U of T Day we found that plastic models of the human torso were being used instead. On behalf of the chickens, we would like to thank the Department of Surgery. As this example shows, finding non-



animal alternatives is sometimes very easy.

DON ROEBUCK
PRESIDENT
U OF T ANIMAL RIGHTS
ADVOCATES

DE SOUSA'S IDEA IS CATCHING ON

Having read Ronald de Sousa's commentary urging abolition of the rank of full professor — on the model of Harvard, which "in arts and science has had only one tenured rank since 1969" — some of us at Victoria think it an idea Toronto should seriously consider (Let's Abolish Full Professors, Oct. 3). If there are too many obstacles, then U of T should at least radically simplify the proce-

dures for promotion. Very obviously either reform would save a great deal of demanding work for many (de Sousa suggests "some 200 hours of the University's top researchers' time per case") and much real emotional stress for others: too valuable a gain all round to be lightly discounted. The undersigned include members of both ranks concerned (six associate profs, three full); we have the moral support of several others who for guessable reasons did not want to sign.

DAVID BLOSTEIN, JAMES CARACALLEN, JAMES EYLES, WILLIAM HARVEY, JEFFREY HEATH, PETER HESS, FRANK HOFF, JAY MACHERSON, STEPHEN RUPP
VICTORIA COLLEGE

THOSE UNFORTUNATE HONORARY DOCTORS

According to your latest issue Mavis Gallant is to receive "a doctor of letters" at the fall convocation, Sir David Cox is to be awarded "an honorary doctor of science" and three other highly distinguished graduates are each to receive "a doctor of laws" (Writer, Editor, Scholars Arc Honorary Graduates, Nov. 7).

I am curious to know the identities of the learned but unfortunate individuals who are to be given away, apparently as personal slaves. Or did you possibly mean *doctorates*?

WILLIAM COOKE
RECORDS OF EARLY ENGLISH
DRAMA

LETTERS DEADLINES

DECEMBER 2 FOR DECEMBER 12
DECEMBER 22 FOR JANUARY 9
Letters should be submitted on a computer disk in WordPerfect or plain text format, or on paper, typed and double spaced. Please include a telephone number and, if possible, a fax number.

MICHAEL MCPHAIL

BOOKS



The following are books by U of T staff. Where there is multiple authorship or editorship, staff are indicated with an asterisk.

November
Human Rights of Women: National and International Perspectives, edited by Rebecca J. Cook (University of Pennsylvania Press; 640 pages; \$84.50 US cloth, \$33.95 US paper). Any attempt to address the human rights of women must consider how they can be protected in the context of their own cultures and traditions. The essays in this volume seek to analyze how international human rights law applies specifically to women in various cultures worldwide and to develop strategies to promote equitable application of human rights law at the international, regional and domestic levels. They present a compelling mixture of reports and case studies from various regions in the world, combined with scholarly assessments of the aspects of international law as these rights specifically apply to women.

Elegy and Paradox: Testing the Conventions, by W. David Shaw

(Johns Hopkins University Press; 289 pages; \$39.95). The idea of an elusive truth, of an apparent contradiction that invites resolution, explains the power of many elegies we read. After exploring paradoxes of performative language and circular form in classical and confessional elegies, the book examines the paradoxes of a silent-speaking word in Romantic elegy and paradoxes of breakdown and breakthrough in modern elegy. A contrast between strong and weak mourners in Ben Jonson's and King Henry's elegies, between impact and tremor in Tennyson's elegies and between tough- and tender-minded mourners in Frost's "Home Burial" suggests that reading elegies, like writing them, is more than an academic exercise; it is also a life-and-death issue.

October
Architecture Canada: The Governor General's Awards for Architecture 1994, edited by Graham Owen (Royal Architecture Institute of Canada; 224 pages; \$24.95). The book documents the six winners of medals for excellence and 14 awards of merit. A critical essay

by the editor opens the book, together with an essay by Adrienne Clarkson.

Catching up
Studies in Moral Regulation, edited by Mariana Valverde (Centre of Criminology; 255 pages; \$5). Moral regulation was a central concept in Durkheim's sociology but was largely neglected in both social theory and empirical research until the 1970s and 1980s. This anthology gathers together work by scholars in Britain, Australia and Canada pursuing approaches to the study of moral regulation ranging from feminist critiques of sexual regulation through neo-Marxist studies of state formation and morality to approaches derived from Foucault's work on the practices of the self.

Labour Markets in an Era of Adjustment, edited by S. Horton*, D. Mazumdar and R. Kanbur (World Bank; Vol. 1 388

pages, Vol. II 625 pages; Vol. I \$23.95, Vol. II \$33.95). These volumes discuss structural adjustment in developing countries. The first volume contains six theoretical papers along with an overview and the second contains studies of 12 countries as well as an overview. The 12 countries are Argentina, Bolivia, Brazil, Chile, Egypt, Cote d'Ivoire, Ghana, Kenya, Malaysia, Korea, Thailand and Costa Rica.

Nationalism and History: The Politics of Nation Building in Post-Soviet Armenia, Azerbaijan and Georgia, edited by Donald V. Schwartz and Razmik Panossian (Centre for Russian & East European Studies; 149 pages; \$15). Perhaps more than any other factor, nationalism directly contributed to the collapse of the Soviet Union in 1991. This volume brings together four original essays that analyze the roots of this nationalism and the desire for independence in one of the most troubled areas of the former USSR. With a general focus on the role of national historiography in the nation-building process within Armenia, Azerbaijan and

Georgia, this volume examines the historical underpinnings of the many conflicts in the region.

Firmini Verris Dictionarius: Dictionnaire latin-français de Fernin Le Ver, edited by Brian Merrilles and William Edwards (Corpus Christianorum: Lexica Latina Medii Aevi I, Brepols Publishers; approx. \$410). The largest Latin-French dictionary from the Middle Ages, this volume presents a unique picture of 15th-century French that qualifies and amplifies a standard medieval Latin vocabulary. The structure of the *Dictionarius* points to arrangements of material that will be adopted for the modern lexicon.

True North: A Memoir, by Jill Ker Conway (Alfred A. Knopf Canada; 272 pages; \$28). The book begins with Conway's departure from Australia for the US to enter graduate school. In 1964 she and her husband moved to Canada where she began her career as a professor at the University of Toronto, becoming its first female vice-president. The book ends with her appointment as Smith College president in 1975.

EVENTS



LECTURES

What Do Car Parking, Space Robots and Air Traffic Control Have in Common?

WEDNESDAY, NOVEMBER 23
Prof. Shankar Sastry, University of California at Berkeley, 1105 Sandford Fleming Building, 4 p.m. *Electrical & Computer Engineering*

Reconditioning Networks.

WEDNESDAY, NOVEMBER 23
Prof. Keller Easterling, Columbia University, Room 103, 230 College St. 7 p.m. *Architecture & Landscape Architecture*

Estonian Independence and German Foreign Policy at Brest-Litovsk.

THURSDAY, NOVEMBER 24
Prof. Olavi Arens, Armstrong State College, Savannah, 14352 Roberts Library, 3 p.m. *Estonian Studies*

Looking at Domestic Violence through Prosectorial, Legislative and Personal Lenses.

THURSDAY, NOVEMBER 24
S. Molly Chaudhuri, special assistant to the district attorney Norfolk County, Mass. Classroom A, Flavelle House, Faculty of Law, 4 p.m. *Law and Criminology*

Florence and the Renaissance: Art, Humanism and Republican Liberty.

THURSDAY, NOVEMBER 24
Prof. Kenneth Bartlett, Department of History, 215 Old Academic Building, Victoria College, 6:30 p.m. *Society for Mediterranean Studies*

Human Rights: A Valid Chinese Concept?

THURSDAY, NOVEMBER 24
University Prof. Julia Ching, Department for the Study of Religion, UC lecture in peace studies, Victoria Chapel, Victoria College, 8 p.m. *Science for Peace*

The Solar System: Insights since Apollo

SUNDAY, NOVEMBER 27
Prof. David Strangway, University of British Columbia, Auditorium, Medical Sciences Building, 3 p.m. *Royal Canadian Institute*

HIV/AIDS and Women: Multicultural Aspects.

MONDAY, NOVEMBER 28
Asha Kamboj, Network of Non-Governmental Organizations of Trinidad & Tobago for the Advancement of Women, Port of Spain; Rosenstadt lecture, Auditorium, Earth Science Centre, 4:30 p.m.

Japanese Women in the Workplace: Equal Opportunity?

MONDAY, NOVEMBER 28
Prof. Joko Ueda, Spelman College, Atlanta; Popular Feminism lecture and discussion series, Boardroom, 12th floor, Ontario Institute for Studies in Education, 252 Bloor St. W. Women's Studies in Education, OISE

The Most Valuable Invention in History.

THURSDAY, DECEMBER 1
Prof. Joel Mokyr, Northwestern University; Innis centenary lecture, George Ignatieff Theatre, 15 Devonshire Place, 5 p.m. *Economics and SGS*

Technology, Darwin and the Economists: In Search of a New Metaphor.

FRIDAY, DECEMBER 2
Prof. Joel Mokyr, Northwestern University; Innis centenary lecture, George Ignatieff Theatre, 15 Devonshire Place, 12 noon. *Economics and SGS*

When the Falcon Speaks: Some Early Reflections on Historiography.

MONDAY, DECEMBER 5
Prof. Harjo Oberoi, University of British Columbia, B.N. Pandey memorial lecture, Upper Library, Massey College, 3 p.m. *South Asian Studies*

End-User Programming and Demonstrational Interfaces.

TUESDAY, DECEMBER 6
Brad Myers, Carnegie Mellon University, Computer Science: Its Theory, Practice, Applications and Implications series, 1105 Sandford Fleming Building, 11 a.m. *Computer Science and ITRC*

The New Landscape Aesthetic.

TUESDAY, DECEMBER 6
Prof. George Hargreaves, Harvard University, 103 Koffler Institute for Pharmacy Management, 6:30 p.m. *Architecture & Landscape Architecture*

Hegs-Nakht.

FRIDAY, DECEMBER 9
James P. Allen, Metropolitan Museum of Art, NY, Lecture theatre, MacLellan Planetarium, 8 p.m. *Society for the Study of Egyptian Antiquities*

COLLOQUIA

Negotiating Principles of Entitlement in Sibling Property Disputes: Family Life as a Training Ground for a Career in Law.

WEDNESDAY, NOVEMBER 23
Prof. Hedy Ross, University of Waterloo, Room 127, 45 Walmer Rd, 3:30 to 5 p.m. *Child Study*

Kinetic Roughening and Pattern Formation in Molecular Beam Epitaxy.

THURSDAY, NOVEMBER 24
Prof. Michael Pilschke, Simon Fraser University, 102 McLennan Physical Laboratories, 4:10 p.m. *Physics*

From Wife-Swapping to Sex with Slave-Girls: Augustine's Philosophical Difficulties with Ownership of a Human Body (Including One's Own).

FRIDAY, NOVEMBER 25
Prof. John Rist, Department of Classics, 123 St. George St. 1 p.m. *Study of Religion*

Interfacial Nucleic Acid Chemistry Studied by Acoustic Network Analysis.

FRIDAY, NOVEMBER 25
Prof. Michael Thompson, Department of Chemistry, 158 Lash Miller Chemical Laboratories, 4:30 p.m. *Chemistry*

The Trouble with Epistemic Theories of Truth.

THURSDAY, DECEMBER 1
Prof. William Alston, Syracuse University, 179 University College, 4 p.m. *Philosophy*

Superconductive Tunnelling and Proximity-Effects in YBa₂Cu₃O₇ Thin Films.

THURSDAY, DECEMBER 1
Laura H. Greene, University of Illinois at Urbana-Champaign, 102 McLennan Physical Laboratories, 4:10 p.m. *Physics*

Order from Disorder: Structure, Dynamics and the Role of Surfaces.

FRIDAY, DECEMBER 2

Prof. Cynthia Goh, Department of Chemistry, 158 Lash Miller Chemical Laboratories, 3:30 p.m. *Chemistry*

Ordered and Disordered Pattern in Fluid Motion.

THURSDAY, DECEMBER 8
Prof. Jerry P. Gollub, University of Pennsylvania, 102 McLennan Physical Laboratories, 4:10 p.m. *Physics*

Archaeology in the Near East

FRIDAY, DECEMBER 9
W.S. Green and Moti Aviam, University of Rochester, J.A. Holladay and Pat Pace, Department of Near East Studies, 123 St. George St. 11 a.m. to 5 p.m. *Study of Religion*

Modelling Reactive Intermediates in the Oxygen Activation Chemistry of Methane Monooxygenase.

FRIDAY, DECEMBER 9
Prof. Lawrence Que, Jr., University of Minnesota, 158 Lash Miller Chemical Laboratories, 3:30 p.m. *Chemistry*



SEMINARS

Academic Freedom in Colleges and Universities.

WEDNESDAY, NOVEMBER 23
Prof. Cindy Hazell, Seneca College, and Prof. Michiel Horn, York University; Toronto area higher education series, Council Chamber, Simcoe Hall, 10 a.m. to 12 noon.

The Emergence of Hydrogenated Nitro Rubber as a High Performance Elastomer.

WEDNESDAY, NOVEMBER 23
Prof. Gary Rempel, University of Waterloo, 219 Wallberg Building, 12:30 p.m. *Chemical Engineering & Applied Chemistry*

Reinventing Government: Issues in Collective Bargaining and HRM.

WEDNESDAY, NOVEMBER 23
Peter Warrian, Centre for International Studies, bag lunch discussion, Room 205, 121 St. George St. 12:30 to 2 p.m. *Industrial Relations*

Caring for Caregivers.

WEDNESDAY, NOVEMBER 23
Diane Dehne, Scarborough Public Health Department; health promotion series, Room 305, 455 Spadina Ave. 4 p.m. *Studies of Aging*

Designer Drugs for Epileptic Seizures: Promises or Illusions.

WEDNESDAY, NOVEMBER 23
Prof. Paul A. Hwang, Department of Paediatrics, 4227 Medical Sciences Building, 4 p.m. *Pharmacology*

The Russian Mafia.

WEDNESDAY, NOVEMBER 23
Stephen Handelman, former Moscow correspondent for *The Toronto Star*, 14352 Roberts Library, 7 p.m. *CREES*

The Use of Miniaturized Non-Invasive Imaging Function Radio-nuclide Monitors in Aerospace and Exercise Physiology.

THURSDAY, NOVEMBER 24
Len S. Goodman, Defence & Civil Institute of Environmental Medicine, 412 Roseburgh Building, 1 p.m. *Biomedical Engineering*

Hope Dies Last: Ukrainian Jews and Ukrainian Independence, 1991-1994.

THURSDAY, NOVEMBER 24
Prof. Yohanan Petrovsky, International Solomon University, Kiev, Boardroom, Multicultural History Society of Ontario, 43 Queen's Park Cres. E. 4 to 6 p.m. *Ukrainian Studies and CREES*

Calcium Dependent Regulation of Spore Germination of *Dicystostelium*.

FRIDAY, NOVEMBER 25
Prof. Mike Lydan, zoology, Erindale College, 3127 South Building, Erindale College, 12 noon. *Erindale Biology*

Media, Public and Politics: Rethinking the Fourth Estate.

FRIDAY, NOVEMBER 25
Prof. Ted Magder, York University; Rethinking the Political series, 3050 Sidney Smith Hall, 2 to 4 p.m. *Political Science*

An Athanasian Forgery: Athanasius *Apologia contra Ariano* 86.

FRIDAY, NOVEMBER 25
Prof. Tom Elliott, classics, Erindale College, 256 University College, 3:10 to 5 p.m. *Classics*

Sexual Harassment: Some Research Issues.

MONDAY, NOVEMBER 28
Sandy Welsh, Department of Sociology, bag lunch discussion, Room 205, 121 St. George St. 12:30 to 2 p.m. *Industrial Relations*

Exercise and Mental Health.

MONDAY, NOVEMBER 28
Prof. Larry Leith, School of Physical & Health Education, 330 Clara Benson Building, 3:30 to 5:30 p.m. *Physical & Health Education*

In Situ Light Scattering during Semiconductor Film Growth by Molecular Beam Epitaxy.

TUESDAY, NOVEMBER 29
Prof. Tom Tiedje, University of British Columbia, 134 McLennan Physical Laboratories, 4 p.m. *OLLRC*

The Cairo Conference: Is the Future Female?

TUESDAY, NOVEMBER 29
Final wrap-up session, Newman Centre, 7:30 p.m.

The Role of Brain Serotonin in Overeating and Obesity.

WEDNESDAY, NOVEMBER 30
Prof. Donald V. Coscina, Department of Psychiatry, 4227 Medical Sciences Building, 4 p.m. *Pharmacology*

Food Web Interactions in Eutrophic Lakes.

FRIDAY, DECEMBER 2
Prof. Lars Rudstam, Cornell University, 3127 South Building, Erindale College, 12 noon. *Erindale Biology*

Working across Boundaries: The Legacy of Harold Innis.

FRIDAY, DECEMBER 2
Prof. Joanne Brode, York University; and Rick Salutin, Ryerson Polytechnical University; Rethinking the Political series, 3050 Sidney Smith Hall, *Political Science*

RNA Catalysis Does Not Happen in Two Dimensions.

MONDAY, DECEMBER 5
Tara Beattie, Department of Molecular & Medical Genetics

Suppressors Analysis of *fem-1*, a Sex Determining Gene in *C. elegans*.

Ian Chin Sang, Department of Molecular

& Medical Genetics, 4279 Medical Sciences Building, 4 p.m. *Molecular & Medical Genetics*

Analysis of the 5' End of the Francoconi Anemia Group C (FAC) CDNA.

TUESDAY, DECEMBER 6
Linda Parke, Department of Molecular & Medical Genetics

Suppressors of the UNC-5 Induced Growth Cone Guidance. Antonio Colavita, Department of Molecular & Medical Genetics, 2173 Medical Sciences Building, 2 p.m. *Molecular & Medical Genetics*

Unenumbered Child: Family Reputations and Responsibilities in the Care of Relatives with Alzheimer's Disease.

TUESDAY, DECEMBER 6
Prof. Judith Glesman, Faculty of Social Work, Room 305, 455 Spadina Ave. 4 p.m. *Studies of Aging*

Aristotle's Worst Idea.

FRIDAY, DECEMBER 9
Prof. John W. Thorpe, University of Western Ontario, 256 University College, 3:10 to 5 p.m. *Classics*

Physical Mapping of Human Chromosome 7 with Yeast Artificial Chromosomes.

MONDAY, DECEMBER 12
Stephen Scherer, Department of Molecular & Medical Genetics, 4279 Medical Sciences Building, 4 p.m. *Molecular & Medical Genetics*

Screening for Protein-Protein Interactions with the *fushi tarazu* Protein from *Drosophila melanogaster*.

TUESDAY, DECEMBER 13
Bruce Dietrich, Department of Molecular & Medical Genetics

Functional Analysis of Nonmuscle Dystrophin.

Perry Howard, Department of Molecular & Medical Genetics, 2172 Medical Sciences Building, 2 p.m. *Molecular & Medical Genetics*



MEETINGS & CONFERENCES

Fall Meeting of U of T Materials Institute.

TUESDAY, NOVEMBER 29
Seven short technical presentations including six speakers from the new UTM1 materials theme areas and a special presentation by an industrial associate of the institute; brief progress report on formalization of UTM1. 3171 Medical Sciences Building, 2 to 4 p.m.

Planning & Budget Committee.

TUESDAY, NOVEMBER 29
Council Chamber, Simcoe Hall, 5 p.m.

Governing Council.

THURSDAY, DECEMBER 1
Council Chamber, Simcoe Hall, 4:30 p.m.

Planning & Budget Committee.

TUESDAY, DECEMBER 13
Council Chamber, Simcoe Hall, 5 p.m.

EVENTS



MUSIC

TRINITY COLLEGE

Choral Evensong.
WEDNESDAYS, NOVEMBER 23
 TO DECEMBER 7
 Trinity College Chapel Choir; Robert Hunter Bell, director. Trinity College Chapel. 5:30 p.m.

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Contemporary Music Ensemble.
WEDNESDAY, NOVEMBER 23
 Gary Kulesha, conductor. Walter Hall. 8 p.m.

Thursday Noon Series.

THURSDAY, NOVEMBER 24
 Mary Cyr, Viola da Gamba. Walter Hall. 12:10 p.m.
 U of T Percussion Ensemble, Robin Engleman, director. MacMillan Theatre. 12:10 p.m.

THURSDAY, DECEMBER 1
 Historical Performance Ensembles; Gregory Johnston, director. Walter Hall. 12:10 p.m.

Electroacoustic Music.

FRIDAY, NOVEMBER 25
 Music of retiring professor Gustav Ciarnaga. Walter Hall. 8 p.m.

Opera Tea.

MONDAY, NOVEMBER 28
 An afternoon of opera and tea. MacMillan Theatre Stage. 2 p.m. Tickets \$20.

U of T Women's Chorus.

MONDAY, NOVEMBER 28
 James Finhorn, conductor. Walter Hall. 8 p.m. Tickets \$8, students and seniors \$5.

Jazz Ensembles.

WEDNESDAY, NOVEMBER 30
 Roy Patterson and Don Thompson, directors. Walter Hall. 8 p.m.

Baroque Orchestra.

FRIDAY, DECEMBER 3
 Christmas concert. Kevin Mallon, director. Walter Hall. 8 p.m.

MacMillan Singers with

Elmer Iseler Singers.

FRIDAY, DECEMBER 2
 Elmer Iseler, conductor. St. Patrick's Catholic Church, 141 McCaul St. 8 p.m. Tickets \$20, students and seniors \$15.

Faculty Artist Series.

SATURDAY, DECEMBER 3
 Chamber Orchestra; David Zafer, conductor; guest Mark Fever, violin. Walter Hall. 8 p.m. Tickets \$15, students and seniors \$10.

Vocal Jazz Ensemble.

WEDNESDAY, DECEMBER 7
 John Chalmers, director. Walter Hall. 8 p.m.

Guitar Orchestra.

THURSDAY, DECEMBER 8
 Eli Kassner, director. Walter Hall. 8 p.m.

Operatic Concert.

FRIDAY, DECEMBER 9 AND
SATURDAY, DECEMBER 10
 Highlights from the operatic repertoire. MacMillan Theatre. 8 p.m. Tickets \$10, students and seniors \$5.

HART HOUSE

Hart of the Drum.

THURSDAY, NOVEMBER 24
 Mesa: Christine Huang, Ryan Scott and Tom Brett. Arbor Room. 8:30 p.m.

Jazz at Oscar's.

FRIDAY, NOVEMBER 25
 Engineering Skule Band. Arbor Room. 8:30 to 11:30 p.m.

FRIDAY, DECEMBER 2

Hart House Jazz Ensemble. Arbor Room. 8:30 to 11:30 p.m.

SCARBOROUGH COLLEGE

Sunday Serenade

SUNDAY, DECEMBER 11
 Scarborough Campus Chorus; special fundraising singalong. Meeting Place. 3 p.m.



PLAYS & READINGS

Oedipus at Colonus.

TUESDAY, NOVEMBER 22 TO
SUNDAY, NOVEMBER 27
WEDNESDAY, NOVEMBER 30
FRIDAY, DECEMBER 2
SUNDAY, DECEMBER 4
 By Sophocles; translated and adapted by Timberlake Wertenbaker. Duncan McIntosh, director; Maria Mann, costume design; Paul Strosser, lighting design. Graduate Centre for Study of Drama presentation. Studio Theatre, 4 Glen Morris St. Performances on Nov. 24, 25, 26, 30, Dec. 2 and Dec. 3 at 8 p.m.; Nov. 22, 23, 27 and Dec. 4, 2 p.m. Tickets \$10, students and seniors \$8. Reservations: 798-7986.

Susan Musgrave.

WEDNESDAY, NOVEMBER 30
 Writer-in-residence delivers public reading from her work. Music Room, Hart House. 4:30 p.m.

1837: The Farmer's Revolt.

WEDNESDAY, NOVEMBER 30 TO
SATURDAY, DECEMBER 3
 By Rick Salutin and Theatre Passe Muraille; directed by Terry Tweed. Erindale Studio Theatre, Erindale College. Theatre Erindale 1994-95 season. Performances at 8 p.m. except Saturday 2 p.m. and 8 p.m. Tickets \$10, students and seniors \$7 (Saturday, \$12 and \$9). Reservations: (905) 569-4369.



FILMS

Mini Festival of Portuguese Film.

SATURDAY, NOVEMBER 24 TO
THURSDAY, NOVEMBER 26
 Your Neighbour's Wife. Nov. 24, 7 p.m.; Ceramator. Nov. 25, 5 p.m.; Morning Mist. Nov. 26, 5 p.m. Innis College Town Hall.



EXHIBITIONS

VICTORIA COLLEGE

Wolf Arnold.

TO NOVEMBER 24
 Photographs. Northrop Frye Hall. Hours: Monday to Thursday, 9 a.m. to 8 p.m.; Friday, 9 a.m. to 6 p.m.

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE

Environmental Restoration and Habitat Creation.
TO NOVEMBER 24
 Highlights include panels of Grenadier Pond, the Lower Don River rehabilitation project and the Dunkers Flow Balancing System proposed to remove pollutants from stormwater at Scarborough Bluffs.

Student Furniture Design.

NOVEMBER 28 TO DECEMBER 15
 Work produced by students for a fourth-year elective course. SALA Gallery, 230 College St. Gallery hours: Monday to Friday, 9 a.m. to 5 p.m.

ROBERTS LIBRARY

African Periodicals Exhibit.

TO NOVEMBER 30
 Over 50 periodical titles from Africa, Europe and North America. Main Display Area. Hours: Monday to Friday, 8:30 a.m. to midnight; Saturday, 9 a.m. to 10 p.m.; Sunday, 1 to 10 p.m.

JUSTINA M. BARNICKE

GALLERY

HART HOUSE

Sylvia Safdie.

TO DECEMBER 8
 Drawings and sculpture. Both Galleries. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 1 to 4 p.m.

SCARBOROUGH COLLEGE

Chinese Brush Paintings.

NOVEMBER 21 TO DECEMBER 1
 Jeremy Tsai, Chinese brush paintings. The Gallery. Gallery hours: Monday to Friday, 11 a.m. to 4 p.m.

THOMAS FISHER RARE

BOOK LIBRARY

A Pride of Gifts: Donations from Our Friends, 1990-1994.
NOVEMBER 22 TO DECEMBER 22
 A selection of gifts over the past five years ranging from a Babylonian cuneiform tablet of 1789 BC to incunabula to modern literary manuscripts. Hours: Monday to Friday, 9 a.m. to 5 p.m.

CONVOCACTIONS

Convocation Hall.

MONDAY, NOVEMBER 21
 Faculty of Arts & Science (except Erindale and Scarborough Colleges). Honorary graduand Mavis Gallant will address Convocation. 8:15 p.m.

TUESDAY, NOVEMBER 22
 Scarborough and Erindale Colleges; professional faculties and Woodsworth College diplomas and certificates. Honorary graduand Sir David Roxbee Cox will address Convocation. 8:15 p.m.

WEDNESDAY, NOVEMBER 23
 School of Graduate Studies. Honorary graduand Prof. Frances Halpenny will address Convocation. 8:15 p.m.
THURSDAY, NOVEMBER 24
 School of Graduate Studies. Honorary

graduand Sir Isaiah Berlin will address Convocation. 6 p.m.



MISCELLANY

Choosing Child Care That Works.

TUESDAY, NOVEMBER 22
 A practical session on choosing child care. 2nd floor, 40 Sussex Ave. Information: 978-0951. Office of the Family Care Advisor

Mental Health Reform: What's in It for Families?

WEDNESDAY, NOVEMBER 23
 Public forum. Families of persons with mental illness will have the opportunity to gather information and express their views on the provincial government's proposed mental health reform.

Displaced Populations: The New Epidemic.

THURSDAY, NOVEMBER 24
 Poster display and buffet dinner, 6 p.m. Symposium session: Dr. Michael Schull, member of Medicine Sans Frontières; slide presentation by three students who travelled abroad for medical research. Auditorium, Medical Sciences Building. 7:30 p.m. International Health Program

Adult Children of Alcoholics.

WEDNESDAY
 12-step meeting for Adult Children of

Alcoholics and other family dysfunction. Every Wednesday, 231 Koffler Student Services Centre. 5:30 p.m. Contact person: Colin, 924-6292.

EVENTS NOTICES

The Bulletin is always pleased to receive notice of events. Please remember, however, that we need the announcement two weeks prior to the date of the issue in which it is to appear — please consult the deadlines section at the end of the Events section to be sure. We also need, in the case of speakers, a full first name or two initials, title and department (if the speaker is from U of T) or institution with which the person is affiliated. Don't forget the date, time, location and sponsoring department, faculty or centre.



DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin office, 21 King's College Circle, 2nd floor, by the following times:

Issue of December 12, for events taking place Dec. 12 to Jan. 9: **MONDAY, NOVEMBER 28.**

Issue of January 9, for events taking place Jan. 9 to 23: **MONDAY, DECEMBER 19.**

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REMINDER

DEADLINE FOR 1995 NOMINATIONS IS:

NOON THURSDAY, DECEMBER 22, 1994



For information or nomination forms, please call 978-6536 or 978-4258.

THE PROVOSTIAL TASK FORCE ON THE ATTRACTION AND SUPPORT OF INTERNATIONAL GRADUATE STUDENTS

The task force welcomes submissions from the University community on this important issue. The task force was established by the Provost in the summer of this year to help him identify the various factors, including funding and cost differential, that impede the ability of the University of Toronto to compete for excellent international graduate students and to support them through their programs. We intend to recommend ways in which the University may be able to remove or reduce these impediments.

You may find the following questions useful in preparing your submission but do feel free to raise any issues you consider relevant.

1. Should the attraction of international graduate students be a University priority?
2. What special contributions, if any, do international graduate students make to the academic life of the University?
3. What special problems does the University face in attracting and retaining excellent international graduate students?
4. Do you have any suggestions for resolving these problems?

You should keep in mind, in considering the issue, that first the visa fee differential is unlikely to disappear and, second, there is likely to be an opportunity cost associated with any internal reallocation of funds.

Please send your submissions to Carolyn Johnston, Fellowships and Loans Officer, School of Graduate Studies, 65 St. George Street,



NOTICE OF OPEN MEETING

All employees are invited to an informal meeting at:

**The Koffler Institute for Pharmacy Management, Room 210
(569 Spadina Avenue)**

Thursday, November 24, 1994, 12 noon to 2:00 p.m.

The University is currently reviewing the Human Resource/Payroll process with the objective of significantly improving the way things are done and we would very much like your input.

In order to review the process, a team has been formed to look at the current situation and come up with an ideal "model" of the way things should be done. This team consists of staff at various levels from departments/divisions as well as central administration.

The team's responsibility is to review the HR/Payroll process from the point where employment is confirmed to the point of termination and all the various changes that may occur in between. They now have a model in mind which is still at an early stage, but they have some ideas which they would like to talk to you about. The team would like to know if you think they are on the right track.

After showing you what they have done so far, they will ask you for your ideas based on past experience you may have had with the HR/Payroll process, and also for some of the services that you would like to see but are not currently available.

All employees are welcome. Once again thank you for your co-operation.

Christine Capewell
Re-engineering Coordinator
Rethinking Administration

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The Department of Political Science

presents

A John M. Olin Lecture & Seminar

by
Ran Halévi

Chargé de recherche at the Centre National de Recherche Scientifique, Paris, and a member of the Centre de Recherches Politiques Raymond Aron. He was co-editor, with François Furet, of the *Pléiade* edition of the orators of the French Revolution, and is currently engaged in a variety of studies of political life and thought under the *ancien régime*.

Jefferson and France from the Old Regime to the French Revolution

Lecture
Thursday, November 24 at 4 pm
Upper Library, Massey College

Montesquieu and the Constitution of the French Monarchy

Seminar
Friday, November 25 at 10 am
Sidney Smith 3037, 100 St. George Street

Toronto Chamber Society

with Renaissance wind band
The Hogtown Waytes

presents

Palestrina & Lassus: *Anniversary Celebration*

A cappella choral singing alternates with
shawms, sackbuts and dulcians
--Sacred and secular masterpieces



**SATURDAY, DECEMBER 3, 1994
8:00 P.M.**

St. Patrick's Church
(McCauley Street at Dundas Street)
Tickets \$13/\$10 Phone: (416) 406-3484

MASSAGE THERAPY

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CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$5.00 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Nancy Bush, Department of Public Affairs, 21 King's College Circle, 2nd Fl., Toronto, Ontario M5S 1A1**. Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call: 978-2106.

ACCOMMODATION RENTALS AVAILABLE —METRO & AREA—

Sabbatical rental, house in Toronto: 3 minutes to subway, 15 minutes to University of Toronto, downtown hospitals, etc. Close to schools, shopping. Available for 1 year from July 1995 to July 1996. Three storeys, fully furnished with five appliances, three bedrooms and two studies, one full bathroom and two half-bathrooms, dining-room, living-room. Private yard, parking, \$1,500/month plus utilities. No pets, non-smokers. (416) 463-8988.

Available December 1. Sublet 6 months or more. Nicely furnished 2-bedroom, 2-bath apartment on 4th floor of highrise. Trees, eastern sunrise; steps to downtown campus. \$1,150 inclusive. 351-1554.

Bay/Bloor luxury furnished 1-bedroom apartment. 24-hour security. Minutes to University. Available January—April (inclusive). Ideal for visiting prof. or faculty member. Parking in building optional. \$1,000 p.m. Please inquire (416) 921-6750 & (905) 649-5960.

Visiting faculty accommodation: Reasonably priced, short-term, fully fur-

nished, 1- and 2-bedroom flats, all conveniences. Ideal location—right on campus (Huron/Sussex area). Victorian charm and elegance blended with tasteful design. Departments welcome. Call Sharon Edgill, 978-2218.

High Park. 1-bedroom apartment for the period December 15, 1994—September 30, 1995. Furnished, all amenities (phone, cable TV, balcony, TTC at door, etc.). \$712 monthly (all included). Tel. 604-7410.

Dundas/Ossington. Exceptional convenience. YMCA. One-bedroom in quiet Victorian with lofty ceilings, fans, bay window, new kitchen, walk-in closets, deck, for non-smokers. \$615 inclusive. Self-contained except bath. Jan. 1. Tom, 531-7082.

ACCOMMODATION RENTALS REQUIRED

Housing wanted: north Toronto/Sunnybrook. Visiting professors and family from Stanford, California. Seek furnished housing, 3/4 bedroom, February to September 1995. Non-smokers, no pets. Call Kevin Fish at (416) 949-3218 (leave message) or email kf1sh@teland.stanford.edu

ACCOMMODATION SHARED

Female wanted to share large 2-bedroom apartment. A25 Bedford Road. \$400. Short- or long-term. Smoking allowed. Mary-Lou O'Rourke, 920-4823 mornings & weekends or 690-6363 until 9:30 p.m. Will return calls.

VACATION/LEISURE

London, Paris or Rome Getaways. 3 day/2 night package in London. \$589 + tax, includes air, hotel and continental breakfast. For details call Margarita, The Travel Office Inc. 921-6644.

MISCELLANY

PERSONAL COUNSELLING in a caring, confidential environment. U of T staff extended health care benefits provide excellent coverage. Dr. Ellen Greenberg, Registered Psychologist. The Medical Arts Building, 170 St. George Street, 961-3683.

ACCENT NEED ADJUSTMENT? Communications enhancement courses in speaking and writing for English as Second Language Speakers with good language skills. Groups of 6-8. Over 2,500 satisfied

graduates. Now in its 8th year. Gandy Associates. 533-1933.

Psychologist providing individual, group and couple therapy. Personal and relationship issues. U of T extended health plan covers psychological services. For a consultation call Dr. Heather A. White, 535-9432, 140 Albany Ave. (Bathurst/Bloor).

INDIVIDUAL & COUPLE THERAPY. Experienced health benefits provide full coverage for U of T staff. Dr. Gale Biedel, Registered Psychologist, 114 Maitland Street (near Wellesley and Jarvis), 972-6789.

Dr. Rick Lindal, Registered Psychologist. 13 years experience general practice for individuals and couples. Also specializing in issues relating to job stress, chronic illness, bereavement, sexual identity and sexual abuse. 2 Carlton Street, Suite 1405, Toronto, Ontario M5B 1J3. (416) 595-0958.

Victoria B.C. Real Estate. Experienced, knowledgeable realtor with university faculty references. Will answer all queries and send information about retirement or investment properties in Victoria. No cost or obligation. Call (604) 595-3200 or write Lois Dutton, RE/MAX Ports West, 3200 Shelbourne Street, Victoria, B.C. V8P 5G8.

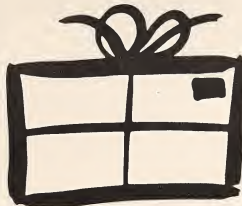
MASSAGE THERAPY naturally effects a relaxation response. Enjoy a quiet retreat from the stress of daily life. The experience will rest and refresh your body and mind. Bloor/St. George location. By appointment. Kathy Dillon, R.M.T. 787-1070.

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TAKE TIME. A 1/2-hour massage goes a long way in relieving muscle tension throughout your back, neck and shoulders. Claim reimbursement from Blue Cross with a physician's referral. Lois Piper, R.M.T., 290 St. Clair W. 323-1671.

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Does your nanny speak English as well as she (and you) would like? This Christmas give her a gift for her future. ESL course: pronunciation, childcare vocabulary. January-February, mornings (infants may co-attend). Two locations. "Specialty English Programs" 483-2857.



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Daftemusik's Messiah

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RESEARCH NOTICES

For further information and application forms for the following agencies, please contact University of Toronto Research Services (UTRS) at 978-2163.

GENERAL NORTH ATLANTIC TREATY ORGANIZATION

In the wake of the transformations in eastern Europe and the former Soviet Union the NATO science program has sought to foster the development of science and technology in the region. In consultation with representatives of its cooperation partners (all countries of the region, except Yugoslavia and its former constituent elements), four priority areas of support have been identified. These are: disarmament technologies including conversion and weapons disposal; environmental including site reclamation and regional problems; high technology including information, materials sciences, biotechnology, human resources/science and technology policy including career mobility, intellectual property rights. Scientific activities ranging from extensive research conferences to reciprocal visits are supported. All projects in the priority areas must involve cooperation between both NATO and cooperation partner scientists. Further information and applications are available from NATO Scientific Affairs Division, B-1110 Brussels, Belgium, tel. (32-2) 728-4111, fax (32-2) 728-4232.

MEDICINE & LIFE SCIENCES

ARTHRITIS SOCIETY

The society actively supports the search for the underlying causes and subsequent cures for arthritis while promoting the best possible care for the arthritis sufferer. Funds are available for projects where the research is deemed relevant to the rheumatic diseases. For applicants where there is potential for a collaborative effort involving the arthritis research group and an industrial partner, the society will participate in a matching fund program. Specific details are in place for this type of research grant application and investigators are advised to read the current guidelines carefully. Inquiries or requests for application forms should be addressed to the Arthritis Society directly. The society offers support for multi-centre grants designed to foster collaboration of individuals working at different geographic locations, ordinarily in Canada, on a research project deemed relevant to the rheumatic diseases. These grants are not intended to replace collaborative efforts under the grants-in-aid program and the reasons for applying under this program must be clearly defined.

Research trainees may now be supported on operating grants, provided they are registered as full-time students for the MSc or PhD degree. Inquiries or requests for application forms should be addressed to the Arthritis Society directly. Deadlines are December 15.

CANADIAN GENOME ANALYSIS & TECHNOLOGY PROGRAM

CGAT has as its objective the analysis of the human and other selected genomes including the development of related technologies and informatics and the study of corresponding medical, social, ethical and legal issues. Applications will be accepted from individuals or groups from academic or industrial institutions proposing to undertake research projects clearly relevant to the program's objectives. Collaborative proposals are encouraged. Major equipment may be requested up to \$100,000. For items over this amount, CGAT expects to share costs with the host institution or other agencies. Career development grants are available to new investigators or those new to genomic-related research. Application for research and career development support is by letter of intent; full application is by invitation. Deadline is January 2.

HEALTH CANADA/NHRDP

The AIDS education and prevention unit and NHRDP have announced a joint initiative to support a new generation of

studies on the determinants of HIV-related risk behaviour from a holistic, health promotion perspective. This initiative is designed to stimulate a network of small, innovative studies to support exploratory, multi-centred, community-based research on the dynamics of risk in small populations of men who have sex with men and/or women at high risk. Potential applicants should register their interest in this initiative as soon as possible with the Health Canada prevention research coordinator at (613) 954-5155 or by fax (613) 941-2399. Applications must be submitted using the NHRDP-1 form. Deadline is December 20.

INTERNATIONAL UNION AGAINST CANCER

The UICC offers fellowships to qualified cancer professionals actively engaged in cancer research or clinical oncology. The international cancer technology transfer program provides three months' support for investigators and clinicians to learn or to teach up-to-date research techniques, to transfer appropriate technology or to acquire advanced clinical management, diagnostic and therapeutic skills. There is no deadline. Yamaguchi-Yoshida memorial international cancer study grants provide three months' support for established bilateral research projects abroad that exploit complementary materials or skills, including advanced training in experimental methods. Deadline is January 1.

LALOR FOUNDATION

The foundation offers basic post-doctoral support for research applicable to reproductive biology as related to the regulation of fertility. Application is by nomination and while there are no citizenship requirements, the foundation has a stated preference for candidates who have held their doctoral degree for less than five years. Deadline is January 15.

MYOCOLONUS RESEARCH FOUNDATION, INC. (US)

The foundation supports clinical and basic research into the cause and treatment of myoclonus. Grant applications will be accepted from clinical and research neurologists, physiologists, biochemists, pharmacologists, anatomists and investigators from other disciplines involved with research in this field. There are no citizenship requirements. Deadline is January 1.

DAMON RYUNSON-WALTER WINCHELL CANCER RESEARCH FUND

The fund encourages all theoretical and experimental research relevant to the study of cancer and the search for causes, mechanisms, therapies and prevention. Post-doctoral fellowships are offered to candidates who are beginning their first full-time post-doctoral research. Non-US citizens may apply but may only do their research in the United States. US citizens applying to work in foreign-based or US government laboratories may be awarded a fellowship if they are considered to be especially meritorious or if the program represents an unusual opportunity for post-doctoral training. Deadline is December 15.

SMOKELESS TOBACCO RESEARCH COUNCIL

The council will support independent research that addresses the etiology and pathogenesis of diseases claimed to be associated with smokeless tobacco. Investigators are advised that as the council performs an indirect cost component, the full 12.5 percent should be included in the application budget. Interested investigators are advised to contact the agency directly for the application package. Deadline is December 31.

PHYSICAL SCIENCES & ENGINEERING

IMPERIAL OIL LIMITED
Research is supported at Canadian univer-

sities in areas of interest to Imperial Oil's petrochemical, petrochemical and energy resource development businesses. These areas include the fields of engineering, environmental, earth, chemical, physical and computer sciences. Grants are available to full-time faculty members for specific research projects carried out by university students under their direction. Preference will be given to self-conducted research projects, although projects deriving into a definitive segment of broader research will be considered, provided student participation is highlighted. Deadline is December 1.

ONTARIO MINISTRY OF EDUCATION & TRAINING

The university research incentive fund is designed to increase the research capacity and expertise of Ontario universities and to strengthen partnerships between the universities and industry. The program will match, dollar-for-dollar, eligible investments by the private sector in contractual university-based research. Researchers interested in applying for a URIF award are encouraged to contact UTRS (978-7040) for applications and information. The next URIF deadline for receipt of applications at the Ministry is December 1. The internal deadline for applications at UTRS is November 24.

ONTARIO MINISTRY OF ENVIRONMENT & ENERGY

The ministry has requested that the Ontario Pesticides Advisory Committee (OPAC) provide specific requests for funding through the ministry's environmental research program. The research priorities in the pest control area for 1995/96 are: to assess the environmental health impacts of pesticides used in outdoor and indoor urban environments; to develop and promote integrated pest management (IPM) programs and alternative strategies to replace or reduce use of chemical pesticides with emphasis on urban pest problems; to eliminate or significantly reduce the use of pesticides that cause damage to the environment through contamination of air, water and soil and/or impact on humans and other non-target species; to promote the safe handling of pesticides to reduce or eliminate contamination of the environment. Letters of intent are to be submitted by December 2.

NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL

NSERC, together with the National Science Foundation of the United States and the Consejo Nacional de Ciencia y Tecnologia of Mexico, has established the North American research fellows scheme. The objective is to increase the flow of researchers in sciences and engineering among the three North American countries to enhance bilateral collaboration in science and technology. The scheme will provide support for a limited number of scientists and engineers from one of the three countries to visit research establishments in one or both of the other two countries for periods of three to 12 months. Research fields of Canadian applicants must be in the natural sciences or engineering. Citizens or permanent residents of Canada, Mexico and the United States are eligible to apply. The scheme is aimed at applicants who are no more than 10 years beyond their PhD and whose research programs would benefit from the international exposure. Awards can be used in conjunction with sabbatical leaves. NSERC would particularly like to strengthen Canadian research links with Mexico, hence Canadian applicants must spend at least two-thirds of their fellowship in Mexico. Eligible host institutions include universities, industrial research institutes, government research institutes, research centres and privately sponsored non-profit research institutions. The award will consist of return travel costs for the

follow by the most direct and/or economic route to the host institution(s) and a monthly stipend of \$2,000 for living expenses. Applications may be submitted at any time. The start date of the visit must be a minimum of four months after the application is submitted.

UPCOMING DEADLINES

NOVEMBER 22
NSERC — Canada international fellowships, NATO science fellowships (internal deadline)

NOVEMBER 24
Ontario Ministry of Education & Training — URIF

NOVEMBER 25
Ontario Mental Health Foundation

— fellowships: senior research, new faculty research, travelling, research training/post-doctoral

NOVEMBER 30
American Health Assistance Foundation — research grants (glaucoma)

Calgary Institute for the Humanities — senior research fellowships

Shastri Indo-Canadian Institute — women and development faculty fellowships

U of T/Life Sciences Committee — Dales award for medical research (nominate)

DECEMBER 1

Amnorphoph Lateral Sclerosis Association (US) — letters of intent Canadian Diabetes Association — grants-in-aid, fellowships (faculty appointment), fellowships

Canadian Fitness & Lifestyle Research Institute — letter of intent Canadian Foundation for the International Space University — scholarships

Epilepsy Canada — fellowships MRC — university-industry program international studentships (new and renewal), Ciba-Geigy/MRC studentships, Merck-Frosst/University of Guelph/MRC fellowships

NSERC/Agriculture Canada/NSERC research partnership support program, Canadian Forest Service/NSERC research partnership program

Physicians' Services Foundation Inc. — research grants SSHRC — NSERC/SSHRC master's students in science policy Whitehall Foundation — research grants

DECEMBER 15
Association for Canadian Studies — intercultural/international exchange program

U.S. Council Secretariat — eco-research grants

DECEMBER 22
Lithoprobe — geoscience projects

JANUARY 1
Anna Fuller Foundation — fellowships

JANUARY 2
Canadian Genome Analysis & Technology Program — research and career development letters of intent

Whitaker Foundation — preliminary application

JANUARY 4
Howard Hughes Medical Institute — post-doctoral research fellowships for physicians

JANUARY 15
Alzheimer's Association Inc. (US) — research grants, faculty scholars awards Canadian Red Cross Society Blood Services — career development fellowships

Crohn's & Colitis Foundation of Canada — summer student scholarships Lalar Foundation — post-doctoral fellowships

Ontario Thoracic Society Research Fund — research grants Retinitis Pigmentosa Eye Research Foundation — research grants, scholarships, studentships

Savoy Foundation — research grants, studentships, post-doctoral and clinical research fellowships

Where to find THE BULLETIN

RACKS AND BOXES

Bloor & St. George
southeast corner

Gerald Larkin Building
16 Devonshire Place, lobby

Claude T. Bissell Building
140 St. George St., outside

Robarts Library
north entrance

Wycliffe College
Hoskin Ave. at Tower Rd.

Whitney Hall
85 St. George St.,
in sheltered entrance

Sir Daniel Wilson Residence
73 St. George St.,
box by porter's door

Sir Daniel Wilson Residence
southwest corner

21 King's College Circle
inside front door

University College
lobby

Simcoe Hall
rack inside door

Medical Sciences Building
main entrance

Medical Sciences Building
east side by dean's office

Sigmund Samuel Library
lobby

Hart House
Arbor Room entrance

Sidney Smith Hall
inside east and west doors

Sidney Smith Cafeteria
east door

Innis College
Sussex Ave., at Innis College Cafe

New College
21 Classic Ave., Welmore Hall

New College
40 Willocks St.

New College
northwest corner,
Huron and Willocks

Botany
25 Willocks St.,
corridor on east side

Forestry
33 Willocks St., east entrance

45 Willocks St.
front of building

Lash Miller Chemical Laboratories
Willocks St. and St. George St.
entrances

Mclennan Physical Laboratories
main foyer

Knox College
59 St. George St., southwest corner

45-49 St. George St.
box between buildings

Galbraith Building
lobby on St. George St.

International Students Centre
inside door

Koffler Student Services Centre
St. George St. and College St.
entrances

215 Huron St.
inside front door

Sandford Fleming Building
in open area

College St. & King's College Rd.
northeast corner

FitzGerald Building
Tadpole Road, east side

Best Institute
112 College St., on wall

PHD ORALS

Graduate faculty please call the PhD examinations office at 978-5258 for information regarding time and location for these listings.

THURSDAY, NOVEMBER 24
Randolph R.J. Buchanan,
Department of Philosophy, "The
Concept of Contradiction in
Hegel's Dialectic."
Prof. G. Nicholson.

Maria Celeste Sagui, Department
of Physics, "Kinetics of First-
Order Phase Transitions with
Long-Range Repulsive or Elastic
Interactions." Prof. R.C. Desai.

Dariusz Cezary Tatarski,
Department of Physics,
"Observational Consequences of
Cosmological Inhomogeneities:
Lemaître-Tolman-Bondi Model."
Prof. J.W. Moffat.

FRIDAY, NOVEMBER 25
Yousef Feiz, Department of
Education, "A Study of Problems
Faced by Post-Graduate Visa
Students at the University of
Toronto and York University."
Prof. D.E. Smith.

Mary Forman, Centre for
Medieval Studies, "Scriptural
Exegesis in the *Rule of Benedict*."
Prof. P.J. Fedwick.

Jerry Andrew Jedziewicz,
Department of Education, "Type
A Behaviour in 14- and 15-Year
Olds: Study of the
Interrelationship among Their
Physical Symptoms and
Personality Factors."
Prof. O. Weininger.

Howard Robertson Mzumba,
Department of Education, "The
Relation between Test Expectancy
and Students' Study Behaviours."
Prof. R.E. Traub.

Terry James Nadassi, Department
of French Language & Literature,
"Variation morphosyntaxique et
langue minoritaire: le cas du
français ontarien."
Prof. H.G. Schogt.

Jennifer Margaret Skelly, Institute
of Medical Science, "Aspects of
Urinary Incontinence in Patients
with Dementia."
Prof. M.R. Eastwood.

MONDAY, NOVEMBER 28
Anthony Pak, Department of East
Asian Studies, "The School of
New Sensibilities in the 1930s:
A Study of Liu Na'ou and Mu
Shiyang's Fiction."
Prof. M. Dolzaleva.

TUESDAY, NOVEMBER 29
Andrew Basil George Bush,
Department of Physics,
"Cyclogenesis in the Atmosphere
and Gulf Stream Ring Formation
in the Oceans." Prof. W.R. Pelletier.

Lorraine Yvonne Landry,
Department of Philosophy,
"Postmodernism Debates:
Marx, Habermas and the
Poststructuralists."
Prof. F. Cunningham.

WEDNESDAY, NOVEMBER 30
Joseph David Jean Andre

Bissonnette, Department of
Nutritional Sciences, "Effects of
Hypocaloric Feeding and
High Carbohydrate Refeeding on
in Situ Muscle Function,
Glycolysis and Body Composition
in Adult Rats."
Prof. K.N. Jeggechay.

Zeeva Millman, Faculty of
Management, "Integrating
Attribution Theory, Social
Cognitive Theory and Training
in Self-Talk to
Reduce Job Search Learned
Helplessness." Prof. G.P. Latham.

THURSDAY, DECEMBER 1
Robert Valour Turnbull,
Department of Community
Health, "A Comparison between
Correct Practice and Error Practice
in Teaching Novice Golf."
Prof. R.C. Goode.

Dongmei Zhang, Department of
Physics, "Convection in the
Extended Belousov-Zhabotinsky
Reaction." Prof. W.R. Pelletier and
R.L. Armstrong.

FRIDAY, DECEMBER 2
Reno F. Debono, Department of
Chemistry, "Analytical
Applications of Surface Plasmon
Resonance Techniques." Prof.
M. Thompson and U.J. Krull.

Nicholas Alexander Halmi,
Department of English, "The
Genesis of the Romantic Symbol
in the Context of Early Modern
Thought." Prof. J.R. de J. Jackson.

Christopher Ian Short,
Department of Astronomy,
"The Structure of the Outer
Atmospheres of Cool Stars."
Prof. J.B. Lester.

David Elliot Spaner, Department
of Immunology, "Studies on
 γ 8-T Cell Activation in Vivo."
Prof. R.A. Phillips.

MONDAY, DECEMBER 5
Ava Ellen Goldberg, Centre for
the Study of Religion,
"Ardhanarisvara: An Indian and
Feminist Perspective."
Prof. N. Wagle.

Carlo Lisi, Department of
Mathematics, "Perturbation by
Rank-Two Projections."
Prof. M.-D. Choi.

Kenneth Harold Stevens,
Department of Mathematics, "The
Classification of Certain Non-
Simple Approximate Interval
Algebras." Prof. G.A. Elliott.

Eric Siu-Kwong Yu, Department
of Computer Science, "Modelling
Strategic Relationships for
Process Reengineering."
Prof. J. Mylopoulos.

WEDNESDAY, DECEMBER 7
John Kiyaga-Nsubuga,
Department of Political Science,
"Political Instability and the
Struggle for Control in Uganda,
1970-1990." Prof. R.O. Matthews.

Kathleen Joyce Millen,
Department of Molecular &
Medical Genetics, "A Role for
En-2 and Other Homologues of
Drosophila Segment Polarity Genes
in Mouse Cerebellar Patterning."
Prof. A. Joyner.

Stephen Wayne Scherer,
Department of Molecular &
Medical Genetics, "Physical
Mapping of Human
Chromosome 7 with Yeast
Artificial Chromosomes."
Prof. L.-C. Tsui.

Ka Tat Adolf Tsang, Faculty of
Social Work, "Development of
Therapy Agenda: Development of
a Process Coding Procedures."
Prof. H. Munroe-Blum.

THURSDAY, DECEMBER 8
Bruce Warner Carpick,
Department of Medical
Biophysics, "Structure-Function
Relationships in the Toxic Domain
of the *Escherichia coli* Heat-Stable
Enterotoxin ST 1."
Prof. J. Gariepy.

Vinay Kumar Chaudhri,
Department of Computer Science,
"Transaction Synchronization in
Knowledge Bases: Concepts,
Realization and Quantitative
Evaluation." Prof. J. Mylopoulos
and V. Hadzilacos.

Walter Dorn, Department of
Chemistry, "Inorganic Ion
Conduction across Bilayer Lipid
Membranes." Prof. M. Thompson.

Carrie Joan Dyck, Department of
Linguistics, "Constraining the
Phonology-Phonetics Interface:
With Exemplification from
Spanish and Italian Dialects."
Prof. K.D. Rice.

FRIDAY, DECEMBER 9
Lynn Crosbie, Department of
English, "Contextualizing Anne
Sexton: Confessional Process and
Feminist Practice in *The Complete
Poems*." Prof. M.E. Nyquist.

Toni-Lou Marlow, Department of
Education, "An Examination of
the Epistemological Assumptions
Underlying Educational Software."
Prof. I. Winchester.

Ramin Khoini Poorfard,
Department of Electrical &
Computer Engineering, "Analysis
Methods and Time-Interleaved
Architectures for Oversampling
Modulators." Prof.
D.A. Johns and A.S. Sedra.

Thomas Allan Aaron Sigut,
Department of Astronomy,
"Infrared Rydberg Transitions in B
Stars." Prof. J.B. Lester.

Jinfen Yan, Centre for the Study of
Religion, "Utilitarianism in
Chinese Thought." Prof. J. Ching.

MONDAY, DECEMBER 12
Susan Lynn Cornish, Department
of Geography, "Product
Innovation and the Spatial
Dynamics of Market Intelligence:
Evidence from the Canadian

Software Product Sector." Prof.
M.S. Gertler.

Terry Leo Fogg, Department of
Education, "The Performance of
Intentional Learners in a
Natural History Database."
Prof. C. Bereiter.

Jeffrey Roy Tennant, Department
of French Language & Literature,
"Variation Morphologique dans
le français parlé des adolescents de
North Bay (Ontario)."
Prof. P.R. Leon.

TUESDAY, DECEMBER 13
Maurice Rose Ford, Department
of Education, "Being in the
Known: Educational Implications
of Situated Knowledges."
Prof. D. Boyd.

Edward Philip Jurkowitz, Institute
for the History & Philosophy of
Science & Technology,
"Interpreting Superconductivity:
The Application of Quantum
Ideas in the Construction of
Theories of Superconductivity,
1930-1962." Prof. J.Z. Buchwald.

Michael David McCool,
Department of Computer Science,
"Analytic Signal Processing for
Computer Graphics Using
Polyhedral Splines."
Prof. E. Fiume.

Shu-Ning Sciban, Department of
East Asian Studies, "Wang
Wenxing's Poetic Language." Prof.
M. Dolzaleva.

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees.
The deadline for submissions is Monday, two weeks prior to publication.

REVIEW

FACULTY OF INFORMATION STUDIES
*Provost Adet Sedra has established a
committee to review the Faculty of
Information Studies. Professor Adele
Fasick's term of office as dean of the
Faculty of Information Studies ends
June 30.*

Membership
Professor Paul Gooch, vice-provost
(chair); Professors John Britton, associate
dean, Division II, School of
Graduate Studies; Joan Cherry and
Patricia Fleming, Faculty of
Information Studies; and Rebecca
Reuber, Faculty of Management; and
Greg Cassidy, president, Faculty of
Information Studies Students' Council;
Susan Merry, alumna; Carol Moore,
chief librarian; and Paul McCann,
assistant vice-provost (professional
facilities) (secretary).

Terms of reference
The committee will assess the full range
of programs, services and activities for
which the faculty is responsible. The
committee will comment on matters
such as: (a) the quality and relevance
of the faculty's academic programs and
the scholarly achievement of its academic
staff; (b) the range of the faculty's
operations in light of its faculty and
staff complements and its physical and
financial resources; (c) the faculty's
relations with the profession, alumni
and other divisions of the University;
(d) special challenges facing the faculty

to the end of the current planning
horizon and beyond; (e) the use of
information technology and other
facilities in support of the teaching and
research activities of the faculty; (f) the
faculty's non-credit continuing education
program.

The committee invites written
submissions from all interested mem-
bers of the University community. These
should be sent before November 21
to Paul McCann, Office of the
Vice-President & Provost, room 221,
Simco Hall.

SEARCH

DEPARTMENT OF GEOLOGY
*A search committee has been established to
recommend a chair of the Department of
Geology. Members are: Professor M.A.
Chandler, dean, Faculty of Arts &
Science (chair); Professor Sandy
Croder, Grant Ferris, John Rockledge
and Barbara Sherwood Lollar,
Department of Geology; Sherwin
Deser, Department of Zoology;
George Lute, associate dean, Division
III, School of Graduate Studies; and
Ian Orchard, associate dean, science,
Faculty of Arts & Science; and
Alexandra Borowik, graduate student,
Department of Geology.*

The committee would appreciate
receiving nominations and comments
from interested members of the
University community. These should be
submitted to Professor M.A. Chandler,
dean, Faculty of Arts & Science, room
2020, Sidney Smith Hall.

CALL FOR NOMINATIONS
*In accordance with section 60 of the
Perron Rules, the provost has issued a
call for nominations of individuals to
serve on search committees that will
advise the president on the appointment
of a dean of the Faculty of Music and
a dean of the Faculty of Nursing.
Dean Paul Pedersen of the Faculty of
Music has decided to step down from
office June 30 and the term of Dean
Dorothy Pringle expires June 30. The
Perron Rules specify the composition
of such a committee as follows: the
vice-president and provost or representative
who shall chair the committee;
three to five members of the teaching
staff of the faculty; one to three mem-
bers of that faculty; the dean of the
School of Graduate Studies or representative;
a librarian where appropriate;
and two or three other qualified
scholars from within or outside this
university but outside the faculty. In
addition, the committee may include
an alumnus/a, a member of the admin-
istrative staff and, in the case of pro-
fessional faculties or schools, a senior
member of he appropriate professional
community.*

Deputy Provost Carolyn Tuohy has
been designated by the president as
chair of the committee for the Faculty
of Music and nominations should be
sent to the deputy provost's attention by
November 28.

Provost Adet Sedra has been desig-
nated by the president as chair of the
committee for the Faculty of Nursing
and nominations should be sent to the
provost's attention by November 28.

ANOTHER CAMPUS HUB

The centennial of Harold Innis is celebrated and St. George St. gets a life

PHOTOS BY ROB ALLEN



NOV. 5 WAS THE 100TH anniversary of Harold Innis' birth and Innis College celebrated the occasion with the official opening of its new student residence at 111 St. George St.

Gone is the desolate stretch of a large parking lot, replaced by a modern \$12 million building for some 330 students. The design of the building caused concern in some quarters — including St. Hilda's College to the east — but in the end worries were put to rest and construction workers went ahead and built in brick and concrete what Eberhard Zeidler's architect firm had envisioned on paper.



Clockwise, from the top: St. George St. entrance; aerial view with St. Hilda's College in the background; room with memories of Halloween; the east side of the new residence.